



Scan QR Code to view video fly-through of our proposed design.





# COLLINS DRIVE



Proludic®

Designer of play and sports areas



*Scan to see our vision for Collins Drive come to life!*

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# Proludic Proposal

## Project Introduction

Play areas are more than just pieces of play equipment on safety surfacing. Play areas are places where the whole community come together, where friendships are made and memories are created. We want to partner with Earley Town Council in creating an enjoyable and inviting space for local residents, in keeping with surrounding greenery and packed full of different play values. Our design has features for children aged 1-8, and we have included suitable seating options for parents and carers. The play area is suitable for users with special needs and will be delivered in a way that is respectful of the environment. Please read on to discover how we can meet your brief and produce a finished playground that will delight the Council and local residents alike for many years to come.





# Proludic Proposal

## Compliance with the Scope of the Works

*Working in collaboration with the Town Council on the draft designs, with potential for further public consultation prior to final amendments*

We want you to be 100% happy with the final design, not just 95%, so we will dedicate additional design time – at no additional cost – to listen to feedback from the public and Council and make any necessary amendments.



*Obtaining all necessary permissions, licences and approvals to undertake the work*

Proludic have over 22 years of experience of delivering play projects in the UK, so we are well versed in supporting Councils in obtaining planning applications and other permits.

Equally, we and our sub-contractors hold all the necessary licenses to deliver play projects of any scale. Proludic are members of the API and all our equipment meets current British and European standards, as well as being independently tested by TÜV.

We streamline our manufacturing practices and logistics to minimise excess carbon emissions and our environmental efforts are externally certified through the standard for environmental management, Standard ISO 14001.

### You Asked For:

- ☒ Multiplay Unit
- ☒ Basket Swing
- ☒ Balance Trail
- ☒ Roundabout
- ☒ Springer
- ☒ Seesaw
- ☒ Play Panels
- ☒ Natural Design
- ☒ Steel Frames
- ☒ Seating & Bin
- ☒ Shaded Units
- ☒ Green Fencing
- ☒ Durable

Up to  
**49**  
Users

Play Values  
**54**

Up to Ages  
**8+**



*Zack Rankin – Collins Drive Designer*

### *Remove and disposing of the existing play equipment*

We have costed to remove existing items from the site (steppers, timber steps...) and dispose of these items and any excess soil appropriately. Please see CAD for quantities (sub-section 1.4).

### *Installing the new play equipment*

We propose working with **Ashford Contract Services** to deliver this project. Ashford have all the experience, expertise and equipment to deliver the installation smoothly.

They are also based locally (30 minutes from Collins Drive). This proximity offers various advantages:

- Lower carbon footprint than non-local installers
- Familiarity with the area to source materials locally and support local businesses
- Ability to return to site at short-notice should there be any snagging or maintenance issues

We have a dedicated sub-section, 5.3, detailing the work and experience of our proposed contractors responsible for overseeing the installation and refurbishment at Collins Drive.

### *Installing new surfacing*

We only work with 2 wetpour surfacing companies:

[www.abacuspg.co.uk](http://www.abacuspg.co.uk) and [www.rtcsafety.co.uk](http://www.rtcsafety.co.uk)

This is because we know the quality of their work and also appreciate their accountability and customer service standards. For this project, we propose working with RTC.

For the grass matting, we will work with PlaySmart UK as we can testify to the quality of PlaySmart's materials which will be installed at the children's play area. Further information on PlaySmart can be viewed on page 50.



# Proludic Proposal

## Compliance with the Scope of the Works

### *Installing new fencing*

We will source 60 Linear metres of green 1m high bow-top fencing from IAE Fencing and install it to meet the existing gates in situ.

Design features include:

- Compliant with BS 1722 Pt. 9
- Stepping cleats
- Security fixings
- Hot Dip Galvanised to BS EN ISO 1461

And most importantly it is suitable for parks and open spaces. Further information regarding the bow top fencing specification has been included within the appended datasheets section.

### *Installing benches and bins*

We have incorporated seating into our design and, as requested, costed for the items separately as optional extra additions. We will change the quantity/location of these items and integrate them into the quote if required during the re-design phase.

### *Equipment and workmanship*

Proludic offer the longest and most transparent warranties in the play industry. Many companies include asterisks and caveats with their warranties, aimed at deflecting responsibility back onto the client. For example, companies with lower specifications include conditions relating to coastal locations, and many companies merely protect their steel with a paint finish. Please see overleaf (page 6) for more information on Proludic as the Coastal Play Specialists.

At Proludic, there is no small print – what you see is what you get, regardless of location. We continue to hot-zinc-dip galvanise all our steel, so it is protected inside-out even if the paint is chipped. See additional information on Warranties and Aftersales care included in this submission.



Bow Top fencing – “Classic, versatile and practical solution”.

# Proludic Proposal

Compliance with the Scope of the Works



## The Coastal Play Specialists

Future-proofing your play area from saline corrosion.

Proludic products are designed to withstand the toughest climatic conditions. While many suppliers exclude or put caveats on their play equipment located near coastal regions from their guarantees, we proudly offer the same level of warranty protection regardless of location. We have also taken a number of steps to protect your play area from the damaging effects of sea air. Visit <https://proludic.link/warranty> for more information.



Wooda Farm Holiday Park, Bude



Helen's Bay, Bangor



North Marine Park, South Shields

Stainless steel structural elements

Our fixings are made of stainless steel to ensure the excellent robustness of our assemblies and **resistance to wear, corrosion and climatic variations.**

Durable High-Pressure Laminate (HPL) panels are **impermeable to moisture & pollution.**

Hot-zinc dipped galvanised posts

*Our equipment is:*

- Designed to withstand the toughest of climates.
- No extra costs for coastal playgrounds or hidden clauses in our T&C's
- Specialist materials to prevent corrosion and damage.

Minehead Sea Front, Promenade

☎ 0115 982 3980

✉ [info@proludic.co.uk](mailto:info@proludic.co.uk)

*Proludic*

# You Asked For:

- ✓

Multiplay Unit
- ✓

Natural Design
- ✓

Basket Swing
- ✓

Durable
- ✓

Balance Trail
- ✓

Seating & Bin
- ✓

Roundabout
- ✓

Shaded Units
- ✓

Springer
- ✓

Green Fencing
- ✓

Seesaw
- ✓

Steel Frames
- ✓

Play Panels

Up to  
**49**  
Users

**54**  
Play  
Values

Up to  
Ages  
**8+**

 Maintenance Training + Box of  
Common Spare Parts Included

 Carbon Neutral Project - Carbon  
Offset Investment Included

## Lifetime Warranty

We offer a Lifetime warranty for all metal post,  
frames, pipes, HPL and HDPE panels and decks

## Inclusive Play Experiences

-  Visual Stimulus
-  Low Mobility Friendly
-  Tactile Stimulus
-  Neuro Diverse Friendly
-  Inner Ear Stimulus
-  Parental Supervision



*Proludic*  
Designers of play and sports areas

## Collins Drive

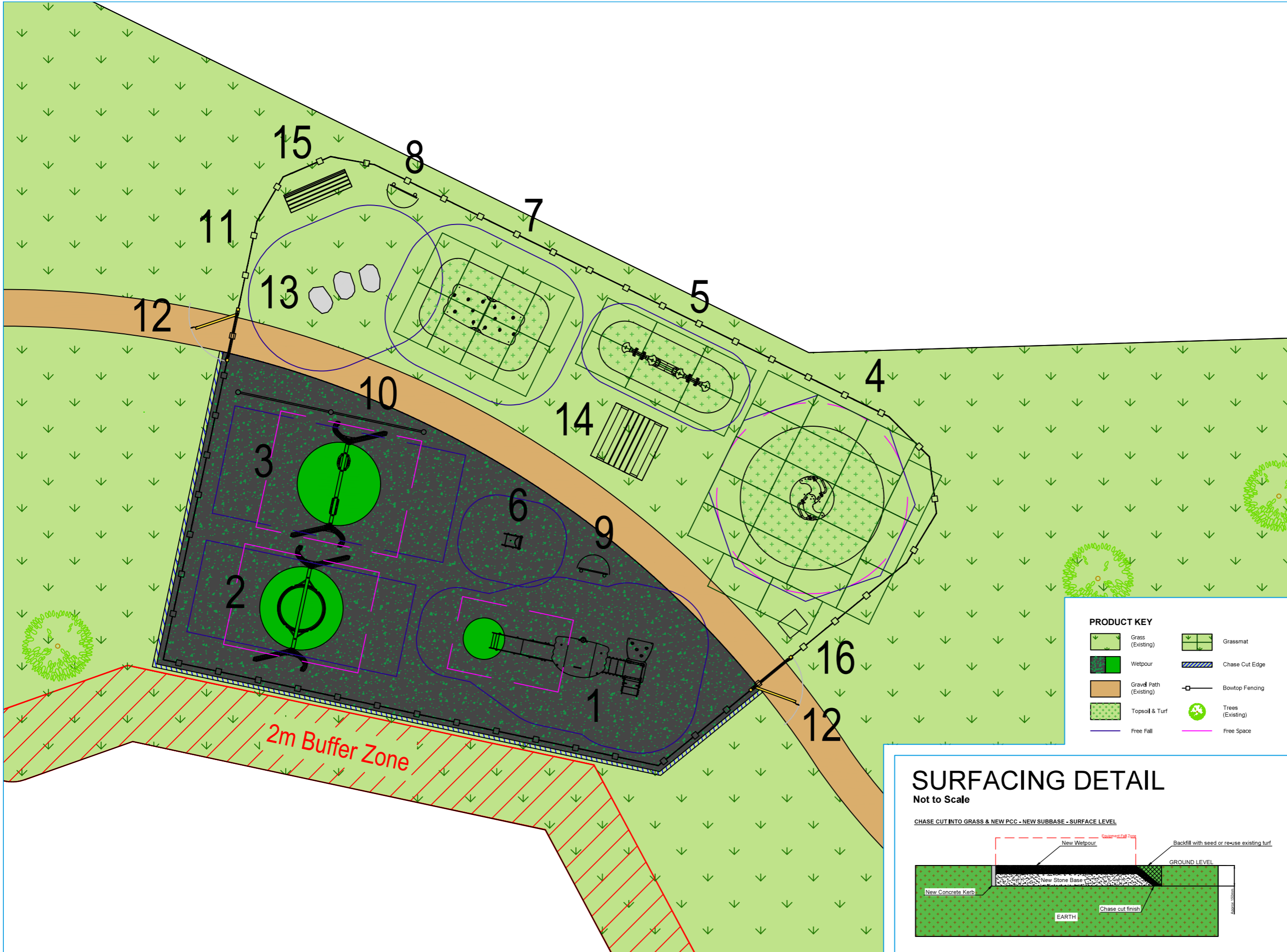


Video Here!



# COLLINS DRIVE





ITEMS LIST

<b>Play Equipment</b>		
1. Diabolo Multiplay Unit	Ref:	J3861A-C
2. Kanope Pod Swing	Ref:	J435A
3. Kanope Combination Swing: 1x Cradle 1x Flat	Ref:	J433A
4. Low Platform Roundabout	Ref:	J2404A
5. Tree Frogs Springer	Ref:	J985A
6. Star Springer	Ref:	J856A
7. Climbing Hut with Metal Posts	Ref:	Z22-0200
8. Fahr Sensory Play Panel (800x595mm) including 2No. Posts	Ref:	UKFISENP6
9. Fahr Tile Slide Frog Play Panel (800x595mm) including 2No. posts	Ref:	UKFITSFROG6
<b>Ancillaries</b>		
10. Metal Post & Rope Feature	Ref:	G441A
11. 60Lm Bowtop Fence 1m High - Green	Ref:	UKN1002

**Existing Ancillaries**  
12. 2No. Pedestrian Gates 1m High - Yellow  
13. 3No. Boulders\*

\*Existing Boulders to be removed by client, before being reinstalled in a new location by Proludic.

**Safety Surfacing**  
Area to be surfaced with 51m² Grassmat.

Area to be surfaced with 109m² Wetpour. Critical fall heights as follows:  
74.5m² @ 1.2m & Below  
19.5m² @ 1.28m  
15m² @ 1.46m

**Colour Breakdown:**  
100m² = Black/Green 50:50 Fleck Wetpour  
9m² = Standard Green Wetpour

**Groundworks**  
Wetpour & Landscaping will require full groundworks. These equate to:

- 133m² Excavation into Grass up to 200mm deep (109m² for Wetpour, 24m² for Landscaping)
- 109m² MOT Type 1 Stone up to 100mm deep
- 27Lm Chase Cut Edging into Grass, including backfill & re-instatement with seed / re-use existing turf
- 16Lm Concrete Kerb Flat Top Edging (PCC)
- Spread of 133m² Spoil excavations as appropriate on site to create flat areas for Wetpour and equipment installed onto Grass
- 24m² Topsoil & Turf (Watering not Included)

**Removals**  
Removals to be done by client prior to Proludic's arrival on site. This includes:  
Timber Fencing, Log Steppers, Timber Sleepers, Bench, Shrubs & Timber Post. Boulders to be removed from current location, to be reinstalled elsewhere on site.

**Miscellaneous**

- Preliminaries included
- Post Installation Inspection included

**Added Value**

- Carbon offset investment to ensure carbon-neutral delivery - FREE OF CHARGE Value £100
- Added Value - Maintenance Training & 1x Annual Maintenance Visit - FREE OF CHARGE Value £520
- Added Value - Spares Box to include common spares, caps, collars & shackles - FREE OF CHARGE Value £250

**Optional Extras**  
14. Marmax Heavy Duty Recycled Plastic Picnic Bench - Brown Ref: UKMMXPBENCH  
15. Marmax Recycled Plastic Traditional Seat - Brown Ref: UKMMXSEAT5  
16. Marmax Litter Bin Recycled Plastic - Brown Ref: UKMMXBIN

*Proposed Grassmat Safer surfacing is based on a fully established grass site (including a minimum of 150mm of good quality soil and turf).*

*Proposed Grassmat will follow the natural contours of the land.*

*Wetpour guarantees are only valid when laid onto appropriate subbase with pre-cast concrete edging (PCC) to the manufacturer's specification. Wetpour guarantees will not be applicable when wetpour is laid onto any existing surface this includes (but not limited to) existing wetpour, paving slabs, tarmac & concrete.*

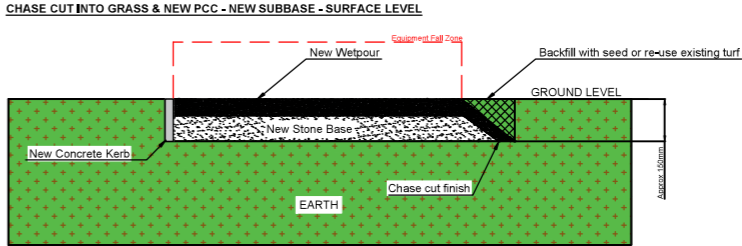
*Preliminaries have been included within your quotation, these equate to site setup, safety fencing, safety signage, welfare, offloading of equipment, storage & waste removal.*

*Topsoil & Turf to be done by Proludic (watering is the responsibility of others and has not been costed for).*

*Fencing will be made up from standard straight lengths and installed faceted. If rounded fencing is required this will incur additional costs.*

SURFACING DETAIL

Not to Scale



Collins Drive

Earley Town Council

DATE: 13/02/2024 REF: 2402.41901(CollinsDrive\_EarleyTC)

REV: - DB: ZR CB: JPS

SCALE: 1:100 @ A3



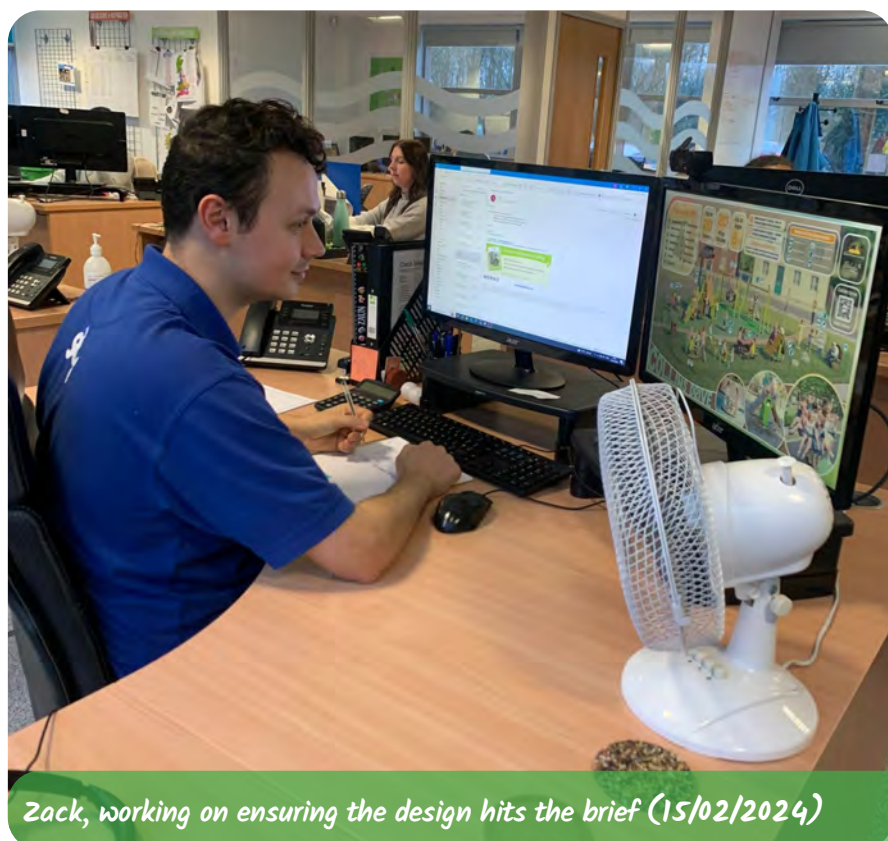
# Proludic Proposal

## Design Requirements

You asked for...

We delivered...

Caters for toddlers and children up to 7-8 years of age	✓	Please see Play Value Sheets (Appendix I)
Meets the Council timetable requirements	✓	Please see section (5): Project Logistics - Project Timescales
Two entrance/exit points to be maintained	✓	
Predominantly the surface should remain grass with small sections of alternative surfacing (e.g. wetpour) in areas of high wear.	✓	
The preference would be for the surfaced areas to be of a more natural colour or include a colour fleck.	✓	
The initial public consultation showed a preference for a natural appearance to the play area.	✓	
<b>(Table continues on page 10)</b>	✓	



Zack, working on ensuring the design hits the brief (15/02/2024)



# Proludic Proposal

## Design Requirements

You asked for...





The Town Council is keen to avoid installing timber play equipment and is instead looking for steel-framed equipment with hard-wearing panels (HPL or otherwise). Coloured panels should complement the request for a natural appearance.	✓	
A multiplay/climbing unit including a slide (ideally 1.2m)	✓	
Swings	✓	
Balance Trail	✓	
Roundabout/Spinner	✓	
The initial public consultation showed a preference for a natural appearance to the play area.	✓	
Activity Board	✓	
Provision of seating for families and carers, including a picnic bench.	✓	
Provision of a litter bin(s).	✓	
Options for providing shade	✓	<p>Climbing hut and multi-play unit provide shade</p> <p>Space left for tree(s) to be planted around perimeter to cast shade over play area</p>
Limiting and discouragement of anti-social behaviour where possible.	✓	See durability & longevity subsection (2.3)
<b>(Please see page 11 for conclusion of table).</b>	✓	

# Proludic Proposal

## Design Requirements

You asked for...

We delivered...

All aspects of the design must conform to the British Standard – BS EN 1176 – Playground Equipment Standard and in respect of any surfacing used – BS EN 1176 and BS EN 1177 and satisfy any applicable recommendations of RoSPA.		
A Post Installation Inspection must take place upon completion		

*Please refer to section 2, for further information on how our submission addresses the proposed selection criteria.*



Collins Drive



Video Here!

# Selection Criteria

## Design Suitability

Our equipment and designs have always been designed with the intention to create positive interaction between each play element and child, as well as the child and their environment. Our bespoke design and offering for Collins Drive is no different. We understand the importance of providing an intelligently thought-out space that meets the needs of all and brings the community together which will result in the formation of a play area where positive outcomes such as community engagement, social and neighbourhood inclusion and lasting memories will be achieved. Ultimately, a project that Earley Town Council can truly be proud to have delivered for their residents.

This sub-section succinctly summarises how our submission addresses the Council's selection criteria starting with the design suitability:

- Equipment has muted colour palette, featuring natural colours (blue, green, timber-effect panels)
- 50/50 green/black flecked wetpour for naturalistic aesthetic
- Grass mat used for climbing hut, seesaw and roundabout to retain as much grass as possible
- Retained and incorporated the boulders to give natural feel. Boulders are an approved play item by Play England (see: <https://www.playengland.org.uk/designforplay>)
- Green bow-top fencing with curvatures to soften the corners
- Our multi-play unit has naturalistic colours and timber-effect panels, with a splash of colour. The unit's roof will offer much-needed shade in the summer months but does not obscure views in a way that could represent an antisocial behaviour risk. We have carefully selected a multi-play unit that is slim and will therefore guarantee a level installation in an area that is on an incline. After all, no one wants a wonky slide! The deck height is 1.17m – not too high for littluns, not too low for juniors, and the highest point of the unit is 2.94m, so not too imposing for neighbouring houses to look onto.



- We have not included any items that require ongoing maintenance (e.g., flush roundabout, trampoline...) nor any items that may impact on the privacy or peace of surrounding households (e.g., musical items).

# Selection Criteria

## Play Values



- We have included all the essential play values any good playground should have swinging, climbing, sliding, rocking, spinning, balancing and hiding/meeting.
- J3861C multi-play unit has a 1.17m slide which can be accessed via steps with handles, a sloped climbing ramp and a vertical climbing wall – lots of different options for users of different needs. Unit has accessible steps with handles as well as sloped climbing wall to cater to users of different needs.
- The unit also has a sensory feature on the deck (rotating balls on a column) for tactile stimulation and a 'hidden' seat beneath the slide which provides shade but also a nice little nook for a toddler who needs some peace and quiet (this feature is particularly popular with autistic users).
- 3 different types of swings to cater to users of different needs, tastes and abilities: a cradle for younger users, a flat swing for older users and a giant pod swing – the widest in the industry – for a shared swinging experience. Swings were the most requested item in the consultation and a basket swing was the most popular swing type. Our pod has a flush base which is far more comfortable to lie on than cable or rope alternatives – ideal for users with motor impairments to lie on next to a parent or carer.



- Second in popularity to swings, was a balance trail. We will move the existing boulders, which optimises your budget as they provide good play value, so no budget is wasted removing them from site, and they do not require surfacing. Children are encouraged to move across the boulders and over the top of our unique climbing hut – a clever use of spaces in a small playground, as it offers multiple play values in a small footprint (meeting, hiding, climbing...) It also provides much needed shade in the summer months.
- We have included a 4-person metal springer (we also have an attractive 'frog' springer in our range, however this contains timber so we have opted for the version with longer warranty coverage). This classic play item is popular with users of all ages... kids and kids at heart!

# Selection Criteria

## Play Values

*Our J2404 roundabout is one of my favourite items. In-ground roundabouts can be really heavy and difficult to push, whereas this above-ground roundabout (below) is light and easy for kids to push... no need for mum or dad to get involved!*

*It also has lots of inclusive design features (see below) so it's a nice accessible unit for users of all abilities.*

- Tim Bird, Area Manager



Social Play



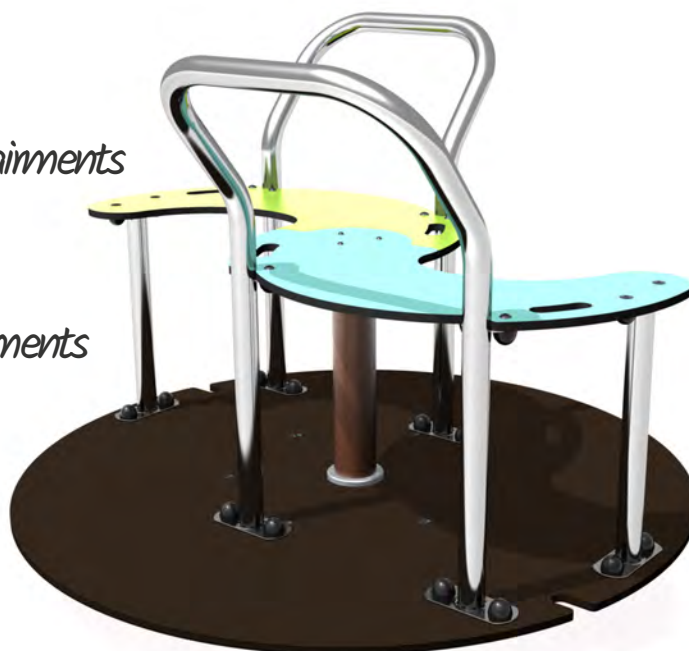
Hearing Impairments



Motor Impairments



Learning Difficulties



Rotating



Balancing



Coordination



Role Play



## Product description

All children enjoy the thrill created by roundabouts which develop their dexterity, agility and balance. Once rotating, the equipment's momentum provides the desired thrills. This roundabout offers the much loved playground activity of spinning with friends but it's inclusive design also allows transfer access to children in wheelchairs. It's sleek, modern design and attractive colour palette means that it is attractive to all children.

## Inclusive Product Description

Rotating equipment provides good sensory and motor stimulation. The rotation movement has positive effects on the inner ear of children with auditory impairments. Children can experience speed safely. The handles, wide and recessed seating with lateral protection elements are essential for making children feel safe and secure during the activity. The low level platform on this roundabout enables access by children in wheelchairs.

**Please see page 15 for more information regarding the inspiration and design concept behind our inclusive roundabout.**

# Selection Criteria

## Play Values



**Inspiration:** Self-transfer Board

**Interest:** The transfer board is part of the daily life of the disabled, its use is familiar and instinctive.

**Objectives:** Subverting this general principle will promote the understanding of the game and its use.



## User Case



1. Grips allowing the child to slide to the seat

3. Chair locking system during the transfer



# Selection Criteria

## Play Value Matrix



J3861A-C



J435



J433



J2404



J985

Agility						
Bouncing						✓
Balancing			✓		✓	✓
Climbing		✓				
Bouldering				✓		
Competitive						
Coordination			✓	✓		✓
Crawling						
Crossing						
Gliding						
Handling		✓				
Hanging						
Hiding		✓				
Problem Solving						
Resting		✓	✓	✓		
Rocking						✓
Role Play		✓	✓	✓	✓	✓
Rotating					✓	
Sensory Sound						
Sensory Visual						
Shelter		✓				
Sliding		✓				
Social Play		✓	✓	✓	✓	✓
Swinging			✓	✓		
Tactile						
Hearing Impairments						
Learning Difficulties						
Motor Impairments						
Visual Impairments						

# Selection Criteria

## Play Value Matrix



J856



Z22-0200



UKFISENP6



UKFITSFROG6

Agility					
Bouncing					
Balancing		✓			
Climbing			✓		
Bouldering					
Competitive					
Coordination		✓			
Crawling					
Crossing					
Gliding					
Handling					
Hanging					
Hiding			✓		
Problem Solving				✓	✓
Resting			✓		
Rocking		✓			
Role Play		✓	✓	✓	
Rotating					
Sensory Sound					
Sensory Visual				✓	✓
Shelter			✓		
Sliding					
Social Play			✓	✓	✓
Swinging					
Tactile				✓	✓
Hearing Impairments				✓	
Learning Difficulties					
Motor Impairments					
Visual Impairments					

## Selection Criteria

### Durability and Longevity

We use high-pressure laminate panels. These are much more tensile, colour-fast and resistant to arson than cheaper alternatives such as HDPE.

All our steel is hot-zinc-dip galvanised for additional protection from corrosion.

Proludic offer lifetime guarantees on our posts, stainless steel tubes and HPL panels. See <https://www.proludic.co.uk/company/supporting-you-every-step-of-the-way/guarantees/> for more info.

We have not included any fibreglass or timber in our submission and our slides are made of stainless steel, as opposed to plastic.

We use anti-vandal star fixings as standard on all our equipment.

Wetpour is 50/50 mix of black and fresh green rubber for additional protection from wear.

This flecked mix has in-built resistance to wear so we have not included wear pads.



Wetpour extends just outside the fence line to facilitate mowing and prevent unsightly weeds from growing.

Wetpour meets the paths at both sides of the play space. This transition ensures there are no worn muddy patches around the entrances.

We have not included binoculars or telescopes which can sometimes be targeted by vandals.

The play panel provides tactile stimulation, so we have not included tactile or moving elements (balls, binoculars, telescopes etc.) on the multi-play unit. This reduces potential weaknesses that could be targeted and vandalised.

We will provide you with a spares kit FREE OF CHARGE including common caps etc. to help you maintain the site after it has opened. Please see section 3 for more information on the durability and longevity of our products.



## Selection Criteria

### Pricing Schedule (Fully Itemised Quote)

We have used and not exceeded the maximum budget.

We remain flexible should design modifications be required or should the Council wish to make savings during a re-design phase.

We have included a post-installation inspection FREE OF CHARGE and will undertake any necessary snagging at no extra expense.





Our design is 'box-ready' and does not necessitate any further work or expense by the Council (e.g., turf reinstatement).

Please see a copy of our fully itemised quote which provides full clarity regarding the costings of the project right from the very inception through to installation and handover. There are no hidden costs. In fact, we have pledged further Added Value to the sum of £870.00 absolutely FREE OF CHARGE providing further value for money for the Council and local community.



Prepared for: Earley Town Council  
 Our Reference: 2402.41901  
 Date: 4 March 2024

## Quotation for Collins Drive - Earley, Reading

Qty		Code	Product Name	Unit Price	Total Line Price
<b>01. Proludic Play</b>					
1		J3861A-C	Diabolo Multiplay Unit	8,884.08	8,884.08
1		PJ3861A	Installation of J3861A - Diabolo Multiplay Unit	1,547.51	1,547.51
1		J435A	Kanope Pod Swing (2.25m high frame)	3,848.40	3,848.40
1		PJ435A	Installation of J435A Kanope Pod Swing (2.25m high frame)	698.25	698.25
1		J433A	Kanope Combination Swing: 1x Cradle 1x Flat (2.25m high frame)	2,647.80	2,647.80
1		PJ433A	Installation of J433A Kanope Combination Swing: 1x Cradle 1x Flat (2.25m high frame)	507.15	507.15
1		J2404A	Low Platform Roundabout	2,894.40	2,894.40
1		PJ2404A	Installation of J2404A - Low Platform Roundabout	441.00	441.00


1		J985A	Tree Frogs Springer	2,198.88	2,198.88
1		PJ985A	Installation of J985A - Tree Frogs Springer	323.40	323.40
1		J856A	Star Springer	732.24	732.24
1		PJ856A	Installation of J856A - Star Springer	161.70	161.70
1		Z22-0200	J254A Climbing Hut with Metal Posts	2,746.26	2,746.26
1		PJ254A	Installation of J254A Climbing Hut with Metal Posts	352.80	352.80
1		G441A	Metal Post & Rope Feature	547.20	547.20
1		PG441A	Installation of G441A	147.00	147.00
Total:				£19,793.99	

#### 05. Partnership Play Equipment

1		UKFISENP6	Fahr Sensory Play Panel (800x595mm) including 2No. Posts	746.33	746.33
1		UKPFISENP6	Installation of Fahr Sensory Play Panel (800x595mm) including 2No. Posts - UKFISENP6	175.00	175.00

1		UKFITSFRO G6	Fahr Tile Slide Frog Play Panel (800x595mm) including 2No. posts	723.19	723.19
1		UKPFITSFRO G6	Installation of UKFITSFROG6 Fahr Tile Slide Frog Play Panel (800x595mm) including 2No. posts	175.00	175.00
Total:					£1,819.52

## 07. Furniture and Fencing

60		UKN1002	Bowtop Fence 1m High Powdercoated Per Lm (Green)	74.58	4,474.80
60		UKPN1002	Installation of UKN1002 Bowtop Fence 1m High Powdercoated Per Lm	28.00	1,680.00
Total:					£6,154.80

## 08. Installation Costs

1		UKINSTALL	Reinstallation of 3No. Existing Boulders	252.00	252.00
Total:					£252.00

## 09. Safer Surfacing

51		UKS1017	Supply & Lay Grassmat (per m <sup>2</sup> )	32.50	1,657.50
1		UKWETPOU R	Supply & Lay 109m <sup>2</sup> Black/Green 50:50 Fleck Wetpour with Coloured Wearpads (See CAD for Details)	9,730.50	9,730.50
Total:					£11,388.00

## 10. Groundwork and Landscaping

133		UKPB1300	Excavation into GRASS up to 200mm deep (spoil off site)	19.11	2,541.63
109		UKPB1700	Supply & Lay MOT Type 1 Stone 100mm Deep loose load per m <sup>2</sup>	19.11	2,082.99
27		UKB1103	Supply & Install Chase Cut Edging into Grass inc. backfill & re- instatement with seed / re-use existing turf per LM	16.25	438.75

16	UKB1200	Concrete Kerb Flat Top Edging (PCC) 900x150x50mm per LM	9.75	156.00
16	UKPB1200	Installation of UKB1200 Concrete Kerb Flat Top Edging (PCC) 900x150x50mm per LM	18.20	291.20
133	UKLANDSPR EAD	Spread on site to required depth loose materials (spoil) per m <sup>2</sup>	19.50	2,593.50
24	UKPQ1020	Supply & Lay Topsoil & Turf per m <sup>2</sup> - Watering not included	19.50	468.00
Total:				£8,572.07

#### 11. Miscellaneous Items

1	UKA1004	Prelims	2,160.00	2,160.00
Total:				£2,160.00

#### 12. Services

1	UKA1100	Post Installation Inspection	475.00	475.00
Total:				£475.00

#### 14. Added Value

1	UKAVENVIR ONMENT	Added Value - Carbon offset investment to ensure carbon-neutral delivery - FREE OF CHARGE Value £100	0.00	0.00
1	UKAVMAIN TENANCE	Added Value - Maintenance Training & 1x Annual Maintenance Visit - FREE OF CHARGE Value £520	0.00	0.00




1	UKAVSPARE S	Added Value - Spares Box to include common spares, caps, collars & shackles - FREE OF CHARGE Value £250	0.00	0.00
Total:				£0.00

Delivery Charge: £3,044.36

Discount: £5,543.82

Total Quote Amount: £57,000.00

### Optional Extras

Qty		Code	Product Name	Unit Price	Total Line Price
1		UKMMXPBEN CH	Marmax Heavy Duty Recycled Plastic Picnic Bench inc. extended legs (brown)	618.00	618.00
1		UKPMMXPBE NCH	Installation of UKMMXPBENCH - Marmax Heavy Duty Recycled Plastic Picnic Bench inc. extended legs (black)	217.00	217.00
1		UKMMXSEAT 5	Marmax Recycled Plastic Traditional Seat inc. arm rests & extended legs (brown)	535.50	535.50
1		UKPMMXSEA T5	Installation of UKMMXSEAT5 Marmax Recycled Plastic Traditional Seat inc. arm rests & extended legs (black)	175.00	175.00
1		UKMMXBIN	Marmax Litter Bin Recycled Plastic (brown)	501.00	501.00
1		UKPMMXBIN	Installation of UKMMXBIN Marmax Litter Bin Recycled Plastic (brown)	154.00	154.00
Total:					£2,200.50

Proposed Grassmat Safer surfacing is based on a fully established grass site (including a minimum of 150mm of good quality soil and turf).

Proposed Grassmat will follow the natural contours of the land.

Wetpour guarantees are only valid when laid onto appropriate subbase with pre-cast concrete edging (PCC) to the manufacturer's specification. Wetpour guarantees will not be applicable when wetpour is laid onto any existing surface this includes (but not limited to) existing wetpour, paving slabs, tarmac & concrete.

Preliminaries have been included within your quotation, these equate to site setup, safety fencing, safety signage, welfare, offloading of equipment, storage & waste removal.

Topsoil & Turf to be done by Proludic (watering is the responsibility of others and has not been costed for).

Fencing will be made up from standard straight lengths and installed faceted. If rounded fencing is required this will incur additional costs.

This quote is valid until 02/06/2024.

Please note all prices quoted are excluding VAT.

## Terms and Conditions

### Formation of a Contract

The quotation given on or attached to these terms and conditions will remain valid for a period of 90 days, unless otherwise stated on the quote. Acknowledgment and acceptance of this proposal is made by you placing an order within the specified period above, at which time you will be bound by these terms and conditions. Each proposal accepted shall constitute an individual legally binding contract between you and us. Such contract is hereinafter referred to in these terms and conditions as "an order". Nothing in these terms and conditions shall prejudice any condition or warranty expressed or implied, or any legal remedy to which we may be entitled in relation to the goods / and or the work the subject of this order.

### Our Responsibility

We will ensure that all materials supplied comply with safe building practices and are free from defects and that any work carried out is carried out with reasonable care and skill and to a reasonable standard.

Before starting any work we will carry out an inspection to make sure that all work quoted is appropriate and practicable.

If after our inspection any further work is necessary either because of alterations in design, specification or otherwise and this causes an increase in costs we will send you a further proposal giving details of the extra costs and will only proceed with the works once your written acceptance has been received.

Subject to our terms we will carry out the work in accordance with our proposal.

We will make good any damage caused whilst carrying out the work.

### Your Responsibility

You will permit us during normal working hours to carry out an inspection and thereafter to undertake the works according to the programme set out in the proposal.

You will remove all items necessary to allow us to commence the works and cover and protect all fixtures and fittings, which cannot be removed.

You will obtain all permissions and consents, (including if necessary planning permission) from landlords, local authorities and others, which are required before the work can commence.

Where you are required to provide us with measurements or other information such measurements or information must be correct. If we rely on the measurements or information given when preparing our proposal and such measurements or information are incorrect we reserve the right to increase the price to make good any errors or additional works required as a result.

### Payment

Goods are invoiced upon dispatch. Payment terms are strictly net 30 days from the date of invoice. Acceptance of this order constitutes agreement of these terms and overrides any other payment terms, including any quoted on your purchase order. We reserve the right to issue interim invoices or applications for payment, or request payment prior delivery or installation on a proforma basis.

Please note all prices quoted are excluding VAT.

### Delivery/Installation Dates

UK delivery is priced at 10% (with a minimum £100 charge) based on the total list price value of the equipment. We reserve the right to increase the delivery charge dependent on location of delivery address, all amended prices will be notified on quotations.

You will be provided with an estimated delivery date on receipt of order and updated throughout the order process. Delivery is approximately 4-6 weeks from the date of order. Deliveries that cannot be accepted by the customer within 4 weeks of the agreed date, will be subject to a storage charge of £100 per week or 1% of the equipment value, whichever is greater

### Minimum Installation Charge

On orders received with installation, a minimum installation charge per site of £1000 applies in all cases.

Budget costs assume that easy lorry access & precise siting of the equipment will be provided, no surface or underground obstructions will be encountered during excavation such as concrete, hard-core, rock, chalk, roots, drainage, gas or water pipes, telephone or electricity cables etc. In the event of any such obstructions we reserve the right to charge for any additional work involved. We cannot accept liability for any consequent charges that may be incurred by disruption of any of the foregoing services. For fixed installation prices, a site survey is required by a company representative prior to the order being placed

### Main Contractor's Discount

Our quotation does not include for a Main Contractor's Discount. If a 2.5% Main Contractor's Discount is applicable, please add 2.563% to our quoted prices.

### Cancellation Policy

The Company reserves the right to levy a cancellation charge of:

- 25% of the total order value if cancelled more than 6 weeks from the scheduled delivery / start date.
- 50% of the total order value if cancelled less than 6 weeks from the scheduled delivery / start date.

Please Note: Any such charge is non-negotiable and is solely at the discretion of the Company. All drawings, descriptive and forwarding specifications, particulars of weights and dimensions are approximate only and not binding and illustrations contained in catalogues, price lists, sales literature and other advertisement material are for the purpose of general description only and none of these shall form part of this Contract.

The Play Hub, Bradmore Business Park, Loughborough Road, Nottingham NG11 6QA

# Durability and Longevity

## Quality of Proludic Materials

### Proludic Observatory Programme

We are committed to the quality and durability of our products using carefully selected materials and applying the highest manufacturing standards. Our products are independently certified by TUV and tested to the current EN1176 standards. We provide an unconditional twelve months warranty including parts and labour on all areas of work carried out.

Proludic continues to observe equipment once it has been installed through the innovative 'Proludic Observatory' programme. This is to primarily monitor and analyse products and their usage in a variety of locations and environments throughout the world.

This is a vital part of understanding how we must continually develop our products to withstand extensive use, as our research and records tell us that each play area is subject to 60,000 hours of play within a 15-year period. Using the knowledge gathered through this programme of post installation inspections and monitoring we ensure the selection of appropriate materials for each application.

We only work with high grade steel and tough plastic joints which are highly durable and provide high resistance to vandalism. We have put in place demanding technical and industrial procedures from the design phase through the entire product life cycle. These indicators cover all services from the choice of raw materials to the tests carried out at the design stage, manufacturing inspections and on-site monitoring of equipment.

*'Proludic offer excellence through high quality manufacturing, where precision craftsmanship converge to create products built to stand the test of time'*



### Proludic Observatory Guarantees:



- 🔩 Bolts have locking nuts
- 🔩 Stainless-steel supports are installed into concrete
- 🔩 Fixings are tamper-resistant and require specialist hand tools
- 🔩 Steel is painted with a hammerite finish to enhance durability and reduce susceptibility to scratching, offering high resistance to UV radiation and corrosion
- 🔩 Plastic components are shatter-resistant and come with a 5-year warranty
- 🔩 Springs are guaranteed for 5 years, the longest warranty in the industry
- 🔩 Coatings are resistant to graffiti
- 🔩 Ropes are made of galvanised steel cable covered with polypropylene, treated to withstand UV radiation, endure heavy loads, and remain flexible while resisting distortion
- 🔩 Compact composite panels offer vibrant colours with UV-resistant pigmented resins, ensuring long-term durability and stability even in varying temperatures and harsh cleaning conditions

# Durability and Longevity

## Quality of Proludic Materials



### Manufacturing

Proludic manages all stages in its manufacturing chain through an experienced technical team and a wide array of specialised, modern machinery. As mentioned previously, our play equipment is installed worldwide and is designed to withstand rigorous and sustained usage in unsupervised public spaces. As such, it must stand up to all requirements of intensive outdoor use and the considerable climatic variations from one country to another.

The choice of high-quality materials and full control of the manufacturing process from machining to painting; are essential in ensuring the long-term durability of our products in these different environments.

Our production cycle involves regular checks at each stage of the manufacturing process. These checks are applied to both the raw materials and the production process, which enables us to guarantee the quality of our products to ensure that we meet our commitments. Examples of our initial inspection of raw materials to guarantee the highest quality are outlined below.

### Manufacturing Inspections

#### Conformity of raw materials

These inspections are carried out on taking delivery of the raw materials and they can be:

**Visual:** comparison with a sample

**Dimensional:** verification of the measurements

**Examples include:** On taking delivery qualitative inspections on wood materials and undertaking rope strength inspections using a dynamometer



# Durability and Longevity

## Proposed Materials

### Compact Composite Panels:

Our 13mm thick compact composite panels, composed of 70% softwood fibre and 30% phenolic binder, exhibit exceptional dimensional stability over extended periods. They withstand major temperature variations, ensuring the durability and stability of assembled elements.

This versatile material remains unaffected by dampness or abrasion. Coloured surfaces, achieved through pigmented resins, provide resistance to ultraviolet radiation and harsh cleaning products. Platforms are constructed from a textured, non-slip compact material (HPL) measuring 12.5mm in thickness.

### Painted Galvanised Steel Posts:

Our metal posts, crafted from 2.5mm thick galvanised steel, meet the robustness and safety requirements for play structures. The galvanisation process ensures their longevity under diverse climatic conditions.

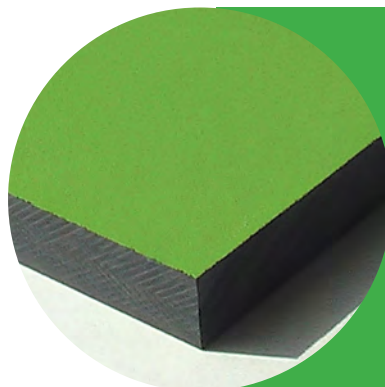
A polyester powder coating, resistant to UV radiation and temperature fluctuations, further enhances protection. Proludic has innovatively designed its galvanised steel posts, featuring a round shape and fluted aspect, creating an effective anti-graffiti surface. The two-tone grain finish minimises the appearance of scratches, preserving the posts' aesthetic integrity.

### Stainless Steel Tubes:

Stainless steel, renowned for its high mechanical strength, forms the basis of our tubes. These stainless-steel tubes withstand graffiti, adverse weather conditions, urban pollution, and require minimal maintenance. They also resist even the most aggressive solvents.

### Rope Assemblies:

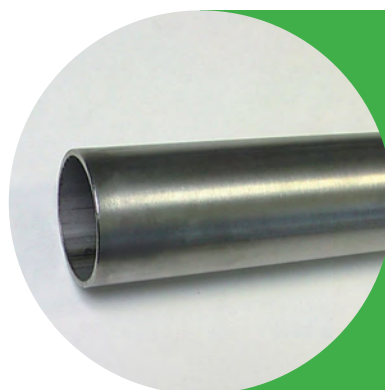
Our rope assemblies comprise corrosion-resistant galvanised steel wire cable strands covered with polyester. These multi-stranded wire cables remain flexible while resisting distortion and bearing heavy loads. The robust polyester coating ensures user comfort and protection.



*Compact laminate  
(HPL)*



*Painted Galvanised  
Steel Posts*



*Stainless Steel  
Tubes*



*Rope Assemblies*

# Durability and Longevity

## Proposed Materials

### Fixings



### Fixings:

Constructed from stainless steel, our fixings ensure excellent robustness in assemblies and resistance to wear, corrosion, and climatic variations. Anti-vandal polyamide caps protect all fixing components.

### Plastic Parts:

Proludic carefully selects plastic types based on their properties and intended purposes. Our plastic parts are non-toxic, resilient against wear, impact, climatic variations, and various chemicals.

This ensures the durability and longevity of our play equipment. Standard international abbreviations mark all our plastic parts, ensuring traceability and recycling credentials.

### Plastic Parts



### Swings:

Seat mounting brackets, designed to withstand heavy loads, are crafted from stainless steel wire with gentle, user-safe rounding. PVC sliding rings limit wear to metal parts caused by swinging movements over time, extending the product's life.

### Swings



### Rotational Systems:

Components used in our rotation systems are chosen for their mechanical qualities, ensuring reliability and robustness. Encased or inserted into connecting parts, our rotation systems offer both waterproofing and aesthetic appeal.

### Rotational Systems



## Durability and Longevity

### Equipment Warranties and Guarantees

Proludic offer comprehensive guarantees for their entire range of products. The overall design of the play area, proposed orientation, and location of individual items of equipment, and safer surfacing all comply with EN 1176 and EN 1177. All our products are independently certified by TUV and tested to the most up to date safety standards.

All products selected in this design are robust, durable and built with the highest quality materials with longevity as a key factor. We do not believe in compromising quality for lower cost products. All of our equipment is manufactured at our manufacturing facility in France by skilled craftsmen. We use top quality eco-friendly materials that undergo rigorous testing to ensure our products are of premium quality.

All our equipment and safer surfacing is installed by our vetted and insured subcontractors in accordance with Proludic installation instructions. We are key players within the European play equipment design and manufacturing industry. Therefore, we are always at the forefront of continual product development. This allows us to react to changes in European Safety Standards quickly and without disruption to our business activities.

We confirm within our submission, that this contract will include a guarantee for the workmanship of construction and installation for a minimum period of 12 months.

Typically, the lifetime of a play area and outdoor sports equipment is 20 years. This is due to dilapidation, material developments, fashion etc. Since we now offer lifetime warranties on some materials, this exceeds those expectations. We are committed to the quality and durability of our products using carefully selected materials while also applying the highest manufacturing standards.

We pride ourselves in providing the best possible value to our clients - a high specification product that is design led and tailored to your specific site. We support this with an **exclusive project discount** and Added Value (see pricing schedule, sub-section 2.4).



## Durability and Longevity

### Equipment Warranties and Guarantees

Proludic is renowned as a high-specification aspirational play and sports brand. Furthermore, we are regarded as a design-led play manufacturer with an eye for detail. This combination of endurance and aesthetics give Proludic equipment its appeal – it looks great and is built to last.

We appreciate the cost of developing and maintaining outdoor play areas, so we have selected equipment for this project which will stand the test of time. The new children play area at Collins Drive will attract the entire community – all posts, fixtures and fittings need to be of the highest quality to withstand this high footfall, accommodating for multiple users using equipment at the same time.

We have put in place demanding technical and industrial procedures from the design phase through the entire product lifecycle. During manufacturing, we undertake extensive testing to ensure the durability of our products are of the highest standards. Details of our tests to ensure durability are outlined below.

To test for deterioration, maximum load/admissible tension we apply load bearing testing which determines the maximum equipment strength. The stresses applied during tests are systematically greater than those required by the regulations (EN 1176 & EN 15530), ensuring result reliability.

We continuously expose an item of equipment to a given phenomenon; immersion in water, exposure to salt spray, exposure to ultraviolet radiation, etc. with readings taken at regular intervals. This tests for UV radiation, damp, and frost resistance. Moreover, to determine wear linked to repetitive movements and use (impact, abrasion and wear due to repetitive movements) we accelerate usage. We do this through increasing the frequency of repetitions to obtain actual ageing over a shorter period.

Not only do the practices listed above maintain the longevity of your play area, but they also aid in supporting the environment. Because the play area can stand the test of time, a much lower chance of removals combined with less maintenance greatly reduces the overall environmental impact.

EN 1176 &  
EN 1177  
Compliant

12 Month  
Workmanship  
Warranty

All Products  
Produced in  
France

Lifetime  
Warranties  
Included





### Our Commitment

We specialise in the design, manufacturing, and installation of play and sports spaces, always prioritising top-notch quality and safety. Every product chosen for the Collins Drive Play Area design embodies robustness, durability, and superior craftsmanship, utilising only the finest materials with longevity as a core consideration. We firmly reject any compromise on quality in favour of cost-cutting measures.

Our manufacturing facility in France, staffed by skilled craftsmen, is where all our equipment is carefully crafted. We take pride in using eco-friendly materials of the highest calibre, subjected to rigorous testing to ensure our products consistently maintain a premium standard.

Throughout the product life cycle, we implement stringent technical and industrial procedures, starting from the design phase. Manufacturing involves thorough testing to guarantee that our products meet the highest durability standards. For detailed information about our warranties, please refer to the right.



#### Our guarantees\*:

- Lifetime** years for any structural failure of sport or play products due to a material or manufacturing failure of:
  - Panels (coloured compact / high density polyethylene non-slip compact)
  - Posts and supporting structures (painted galvanised steel, galvanised steel, stainless steel)
  - Stainless steel tubes
- 25** years against structural failure on our sports and play equipment due to material or manufacturing defects on lacquered plywood panels and non-slip plywood panels.
- 15** years against structural failure on our sports and play equipment due to material or manufacturing defects on the solid wood planks and timber frame posts.
- 10** years for any structural failure of sport or play products due to a material or manufacturing failure of:
  - Metal components (with the exception of springs, moving or mechanical parts and fixings)
  - Planks and treated timber frame posts
  - Metal crimps and rope assemblies
- 5** years for any structural failure of sport or play products due to a material or manufacturing failure of:
  - Springs and mechanical systems
  - Moulded or rotary moulded plastic parts (with the exception of moving parts)
- 2** years for any defect or manufacturing fault of component parts.

\*Our Equipment material warranty matrices reflecting the products presented within our submission for the childrens play area at Collins Drive now follow.



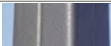






# Durability and Longevity

## Warranty Matrices



### Diabolo Multiplay Unit J3861A-C






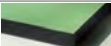

#### Guarantee Period

Material		Lifetime	25 Years	15 Years	10 Years	5 Years	2 Years
13mm compact material coloured panels		✓					
12.5mm Non-slip HPL platform and climbing walls		✓					
Steel Posts		✓					
10mm polyethylene roof plate		✓					
Stainless steel tube		✓					
Galavanised steel cable ropes					✓		
2mm stainless steel slide slope					✓		
Polypropylene climbing holds							✓
Fixings							✓



### Kanope Pod Swing J435A

#### Guarantee Period

Material		Lifetime	25 Years	15 Years	10 Years	5 Years	2 Years
95mm x 95mm painted galvanised steel posts		✓					
Non-painted galvanised steel beam		✓					
Rotomoulded polyethylene pod seat						✓	
PVC sliding rings							✓
Double joined swing mechanism						✓	
13mm thick compact material (HPL)		✓					
Fixings							✓

# Durability and Longevity








## Warranty Matrices



### Kanope Combination Swing (1x Cradle & 1x Flat)

J433A

#### Guarantee Period

Material		Lifetime	25 Years	15 Years	10 Years	5 Years	2 Years
95mm x 95mm painted galvanised steel posts		✓					
Non-painted galvanised steel beam		✓					
13mm thick compacy material (HPL)		✓					
Stainless steel swing bearings							✓
Shock absorbing moulded honeycomb rubber swing seat						✓	
Polyurethane pod/cradle swing seat						✓	
Fixings							✓





### Rotating Low Platform Roundabout

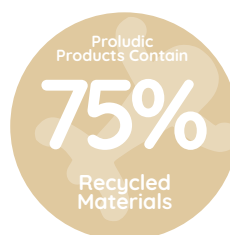
J2404A



Scan QR Code to view our J2404A in action

#### Guarantee Period

Material		Lifetime	25 Years	15 Years	10 Years	5 Years	2 Years
13mm compact material coloured panels		✓					
12.5mm Non-slip HPL platform		✓					
40mm diameter stainless steel tube		✓					
Fixings							✓









# Durability and Longevity

## Warranty Matrices



### Tree Frogs Springer

J985A

Guarantee Period							
Material		Lifetime	25 Years	15 Years	10 Years	5 Years	2 Years
13mm compact material HPL		✓					
12.5mm non-slip compact material (HPL) seats		✓					
Solid wood autoclave treated board				✓			
Springs						✓	
Polyamide plastic handles and footrests						✓	
Fixings							✓

### Star Springer

J856A



Guarantee Period							
Material		Lifetime	25 Years	15 Years	10 Years	5 Years	2 Years
13mm compact material coloured panels		✓					
Springs						✓	
PVC handle and footrest						✓	
Fixings							✓

# Durability and Longevity

## Warranty Matrices



*Climbing Hut*  
**Z22-0200**

### Guarantee Period

Material		Lifetime	25 Years	15 Years	10 Years	5 Years	2 Years
13mm compact material HPL		✓					
12.5mm non-slip compact material (HPL) roof and seats		✓					
95mm x 95mm painted galvanised steel posts		✓					
40mm galvanised steel tubes		✓					
Polyamide plastic handles and footrests						✓	
Fixings							✓

*Fahr Sensory Play Panel*  
**UKFISENP6**



### Guarantee Period

Material		Lifetime	25 Years	15 Years	10 Years	5 Years	2 Years
Two colour High Density Polyethylene (HDPE)					✓		

*Fahr Tile Slide Frog Play Panel*  
**UKFITSFROG6**



### Guarantee Period

Material		Lifetime	25 Years	15 Years	10 Years	5 Years	2 Years
Two colour High Density Polyethylene (HDPE)					✓		

# Sustainability and Environmental Factors

## Environmental-Friendly Processes

Proludic are committed to delivering projects responsibly and have the most robust and far-reaching environmental policies and procedures in the industry.

### *Integrated Manufacturing Process*

To enhance the delivery of superior efficiency, flexibility, and quality, Proludic's manufacturing and distribution are centred at our head office. All the equipment within our designs will be manufactured at our head office in Vouvray, France.

Our production processes are fully controlled and managed in-house, allowing Proludic to manufacture custom products and unique designs. We refrain from outsourcing design or manufacturing processes to other countries, such as China, where we would have less control over environmental practices.

### *Environmental Auditing*

Conducting Product Audits empowers us to quantify the environmental impact associated with the manufacturing of specific play equipment. This assessment is based on a comparison with the average daily environmental impact of an individual in Europe. Our approach encompasses a comprehensive range of criteria, encompassing eight key indicators, including the greenhouse effect, energy consumption, acidification, aquatic toxicity, and human toxicity, among others.

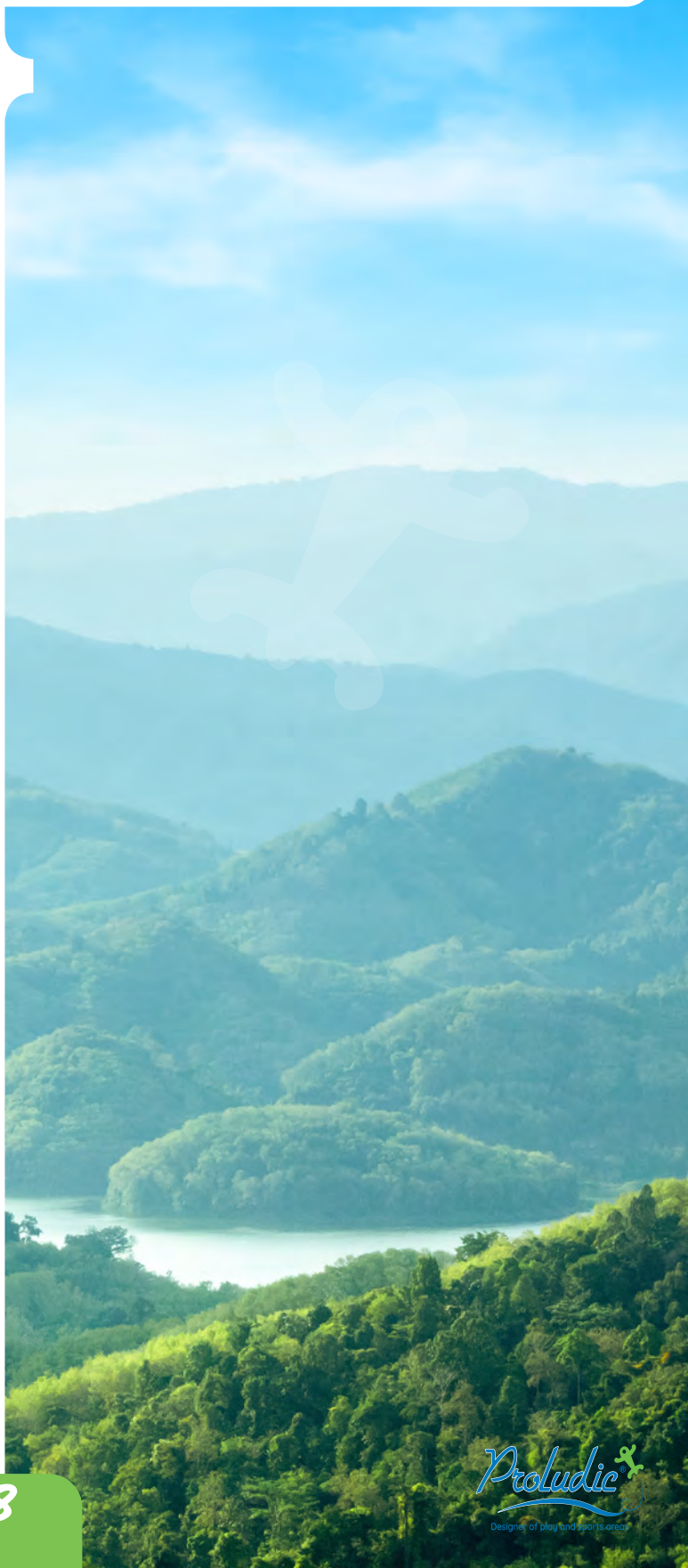
At Proludic, we have amassed a wealth of data that enables us to furnish valuable insights into the environmental footprint of each product. By doing so, we aim to assist our clients in making informed decisions that align with their environmental objectives.

Through our innovative "Proludic Observatory" initiative, we diligently observe and analyse our products in various global settings and environmental conditions. This critical effort informs our product design process, ensuring that our offerings are built to withstand extensive usage. Our research has shown that, on average, each play area experiences approximately 60,000 hours of play over a 15-year period. Armed with this knowledge, acquired through ongoing post-installation inspections and monitoring, we meticulously select durable, high-quality materials for our products, thus ensuring their longevity.

When play areas are subjected to regular inspections and maintenance, they can achieve an estimated lifespan of up to 25 years, truly making them a sustainable, long-term investment.

### *Example of Recent Change*

We have recently changed our material suppliers for the Pod Swing. The new supplier can provide 30% recycled materials.



# Sustainability and Environmental Factors

## Environmental-Friendly Processes

### Integrated Manufacturing Process

At Proludic, our environmental policy is not just a policy on paper; it is a core part of our company ethos. We have upheld this commitment since 2006 and have received recognition and validation through our ISO14001 certification. This certification guides our actions towards the responsible and sustainable use of natural resources, with the aim of ensuring a higher quality of life for future generations.

We take pride in offering playgrounds, sports areas, equipment, and solutions that are built to endure the test of time, capable of withstanding even the most extreme weather conditions. Right from the inception of our products, we have focused on using sustainable materials that are guaranteed for their long-lasting durability. Furthermore, our products are designed with repairability in mind, allowing us to extend their lifespan and reduce waste.

### Repairability Index

Proludic is at the forefront of innovation, pioneering the concept of a repairability index for our play and sports areas. Every piece of equipment manufactured by Proludic now features an index to determine its repairability score. The average score across our equipment is 9.12 out of 10.

This commitment to sustainability will be exemplified in the delivery of this project, where we will not only deliver exceptional recreational spaces but will also ensure their long-term sustainability through our environmentally responsible practices.

### Our Environmental Objectives – Proludic UK

- Conserve energy and other resources and achieve carbon neutrality by 2030
- Substantially decrease the volume of waste generated by our organisation
- Prioritise recycling wherever feasible to ultimately reach zero waste in landfill by 2030
- Promote environmental best practices amongst our contractors
- Use local suppliers where possible

### Recycled and Recyclable Raw Materials

Our equipment is meticulously designed to incorporate a maximum amount of recycled and recyclable raw materials, aligning with our commitment to sustainability. 75% of Proludic's products are crafted using recycled raw materials, while 88% of them are fully recyclable.

### Benefits

**Environmental Stewardship:** By using recycled and recyclable materials, we significantly reduce the environmental footprint of our products. This not only minimises the depletion of natural resources but also lessens the burden on landfills, contributing to a healthier planet.

**Waste Recycling:** Sustainability extends beyond our product design; it is woven into our entire production process. A staggering 93% of our production waste is actively recycled, showcasing our dedication to responsible waste management.

Our chosen subcontractor, Ashford Contract Services, is equipped with the necessary waste license to ensure the responsible disposal of all materials removed from the site.

**Supporting Local Economies:** We believe in the value of local sourcing. Many of our suppliers, a substantial 94%, are from Europe, aligning with our commitment to regional partnerships. Furthermore, 72% of our suppliers are based in France, where our manufacturing facility is located.

This approach not only strengthens local economies but also reduces the environmental impact associated with long-distance transportation, making our supply chain more sustainable.



# Sustainability and Environmental Factors

## Environmental-Friendly Processes

As a standard practice, Proludic always implements environmentally conscious practices and has incorporated them into the design and execution of this project to minimise its environmental impact. Below, we outline these points that detail these practices. The following page highlights a recent project working in Sites of Importance for Nature Conservation (SINC) and how we ensured to meet these same design practices for the new play area at Collins Drive.

**Compact Design:** The use of 100% recyclable materials in our compact design not only ensures sustainability but also minimises waste in the long term. This design choice aligns with energy production practices that prioritise recycling, reducing the environmental impact associated with disposal.

**Sustainable Timber:** The incorporation of 70% certified local sustainable timber demonstrates our commitment to responsible sourcing. By using timber from nearby forests, we minimise the carbon footprint associated with transportation and support the vitality of local ecosystems.

**Safe and Eco-friendly Colourants:** Our choice of colourants, free from lead and harmful ozone-depleting substances, ensures that the aesthetic aspects of our design are environmentally responsible.

**Durable Plastics:** The use of non-toxic and resilient plastics in our equipment guarantees longevity, reducing the need for frequent replacements. Additionally, marking our plastic parts with standard international observations facilitates proper recycling and traceability.

**Recyclable Metals:** Materials such as galvanised steel, stainless steel, and aluminium are 100% recyclable. This approach ensures that our metal components can be repurposed, reducing the demand for virgin resources.

**Eco-friendly Paints:** Powdered polyester paints, which are solvent-free and water-free during application, promote environmental sustainability by minimising air, water, and ground pollution.

**Waste Management:** All site waste will be taken to recycling plants or licensed waste management centres, reducing the volume of waste sent to landfills.

**Reuse of Spoil:** By retaining spoil on site and using it for reinstatement works, we reduce the need for additional resources and minimise transportation emissions.

**Optimised Packaging:** Our optimised packaging techniques maximise the use of delivery lorry space, resulting in a 40% reduction in transportation space requirements. This reduction in space and weight cuts down on transport costs and associated CO2 emissions.

**Efficient Delivery:** We plan to use a single delivery for the play equipment, utilising a reduced carbon-efficient vehicle, which minimises the environmental impact of transportation.

**Reduced Travel:** Where possible, we promote the use of video conferencing software to minimise the need for face-to-face meetings, reducing travel time and emissions to the project site.

**Local Teams and Materials:** Our targeted geographical approach to appointing installation teams and sourcing materials, such as MOT stone, supports local businesses and reduces travel emissions. Furthermore, partnering with Ashford Contract Services for project delivery helps minimise travel-related environmental impact, and we encourage vehicle sharing among our installation teams to further reduce carbon emissions.

These environmentally conscious measures reflect our commitment to sustainability throughout every aspect of the project, ensuring that this refurbishment aligns with responsible environmental practices.



# Sustainability and Environmental Factors

## Environmental Considerations

### Previous work in a Site of Importance for Nature Conservation (SINC)

We took great pride in our recent accomplishment—a £300,000 installation project in Pennington Flash, a National Nature Reserve renowned for its ecological significance. The decision by Wigan Borough Council to entrust Proludic with this project was primarily influenced by our strong commitment to sustainability and our dedication to designing installations that harmonise seamlessly with the surrounding natural environment.

Pennington Flash Nature Reserve is one of the jewels in the crown of Wigan Borough and one of eight local sites comprising The Flashes of Wigan and Leigh; the only National Nature Reserve (NNR) in the whole of Greater Manchester.

Officially designated an NNR by Natural England in October 2022 in recognition of their remarkable natural beauty and immense ecological importance, these precious wetland habitats were originally and uniquely formed by the 'flash' flooding of former coal mining sites. Collectively they are now home to nationally significant wildlife populations including UK's most endangered small bird, the wonderful willow tit. <https://www.wigan.gov.uk/Resident/Leisure/Greenheart/Pennington-Flash.aspx>

When undertaking projects within Sites of Importance for Nature Conservation (SINCs), we adopt a heightened awareness of the imperative need for careful kit selection, as well as a profound consideration for the visual impact of our designs and the ecological consequences of our installation process on the neighbouring environment.

For this submission, we have gone to great lengths to ensure that our approach aligns with these principles:

1. **Unobtrusive Colour Palette:** Naturally muted our choice of colours for the equipment is sympathetic to the local residents and properties which surround the play area.
2. **Recycled Materials:** Our offering of equipment incorporates recycled materials, such as the Pod Swing and optional extra Marmax furniture emphasise our commitment to sustainability.

3. **Environmentally Friendly Surfacing:** To prevent the rapid deterioration and potential leaching of dye into the surrounding earth. Recycled Eco Grassmat surfacing also offers a more natural and softer undertone to safety surfacing which alongside the 50:50 fleck wetpour work really well to complement one another.

4. **Waste Minimisation:** We have accounted for the reinstallation of 3x existing boulders which not only result in less waste production, but also repurposing existing equipment saves the Council more money.



# Sustainability and Environmental Factors

## Environmental Considerations

**5. Carbon-Neutral Commitment:** As part of our dedication to environmental stewardship, we will offset the excess carbon emissions generated during the manufacture and delivery phases of this project, thereby ensuring it is delivered as a carbon-neutral initiative.

Our approach to the Collins Drive refurbishment embodies not only our expertise in design and construction but also our unwavering dedication and commitment sustainable and environmentally friendly practices.

Please refer to sub-section 4.2, page 43, for our Pledge to Sustainability and Environmental Policy.



*Pennington Flash Nature Reserve Play Area*





# When it comes to sustainability, we're not playing around.

## A proactive environmental policy

Today, we are determined to step up our efforts in this area by reinforcing the company's environmental policy with three key pillars:



### Sustainability



1



We offer play and sports area solutions that stand the test of time and withstand all weather conditions, however extreme! From the outset, our products have been engineered with sustainable materials that are guaranteed for their longevity. Our products are also designed with repairability in mind to extend their life.

#### Our Foundations

### Fighting climate change



2

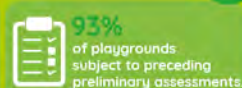


We have analysed our activities to reduce our carbon emissions and we have prioritised action on the processes that generate the highest emissions. As such, we are focused on managing and taking action on the design, manufacturing and transportation activities, as well as all our travel, to minimise our carbon footprint.

### Maintain a strong local presence



3



We are taking on-the-ground action to set up and promote a tight-knit network with all the stakeholders in our business ecosystem, primarily with our clients, but also with the suppliers working with our company. We work alongside our customers to build solutions that are tailored to their local area and their users' needs.



Proludic Group achieve the ISO 14001 certification for our commitment to the environment (Standard for Environmental Management).

2006



Proludic sources its entire supply chain of wood from sustainable sources since signing up to the internationally recognised PEFC certification.

2015



Proludic Group reduce their total carbon footprint by 30% over the last 10 years by reducing energy usage and sourcing locally.

2019



We change all our packaging for products (plastic bags etc) to biodegradable alternatives.

2022



Proludic Group further integrate their sustainability commitments into all business operations.

2023



# Project Logistics

## Project Stages and Timescales

### Project Implementation

A Programme of Works is crafted before the pre-start meeting. The final project plan encompasses not only on-site activities but also includes aspects such as design and revisions, community engagement, and post-installation care.

The Programme of Works will be continually adjusted and updated on a weekly basis to maintain quality control, and revisions will be provided upon request. In the event of unexpected issues during the project, work will be temporarily halted until Earley Town Council and Jason Cottingham, Contracts Manager, conduct a site visit to perform a risk assessment and determine the best course of action to progress the project.

**Our programme of works encompasses the following:**

**Stages** - the project is divided into initiation, installation, control, and completion stages, with estimated durations for each stage, highlighting critical tasks for project tracking.

This approach ensures meticulous project monitoring, enabling early detection and resolution of delays or issues.

**Deadlines** - each stage's deadline is monitored using the critical path and slack. The Programme of Works is a dynamic document that will be continually updated throughout the project.

**Progress** - each project task will be monitored and marked as complete, keeping you informed about project progress. Proludic will also provide weekly contractor reports to provide progress updates.

**Hold Points** - during Jason Cottingham's, Proludic Contract Manager, weekly site visits, the installation will be inspected to ensure that the work carried out aligns with the specified requirements.

**Weekly Contractor Reports** - Our contractors will provide us with written weekly reports, highlighting:

- Progress
- Delays or outstanding issues
- Project completion date

**Pre-sign off Meeting** - Before concluding the works, a pre-sign off meeting is convened to confirm:

- We are on schedule to complete the project
- Works meet the required installation and overall finish standards, with any snagging identified at this stage before the contractors depart the site

**Site Sign Off** - To ensure that the works are completed as agreed and to your satisfaction.

Following sign-off, you will receive all the necessary information to compile an operations and maintenance manual for the playground, and we will provide comprehensive aftersales support.

If awarded the contract, we would be able to commence works on site from 6/5/2024 adhering to the Council's Pre-Contract Programme. However, we have also taken into account potential changes/adjustments to the design. At the very latest, should finalisation of the design be confirmed, and order be received week commencing 29/04/2024 subsequent works could commence 17/06/2024, again in-keeping with the Council's specified timeframes. Our current lead times of 6-7 weeks for play equipment which include production, transportation and British weather has been accounted for. These dates are indicative and can be changed to suit your requirements.



# Project Logistics

## Project Stages and Timescales

### Timescales

*Proludic have the most streamlined delivery service in the industry. While many suppliers claim to be “British-made”, their raw materials are actually sourced from a wide variety of countries, with the majority of their materials coming from China. At Proludic, our equipment is manufactured in the Vouvray area of France with our raw materials coming from within a 2-hour radius of the factory. This not only means our carbon footprint is much less damaging to the environment than that of our competition, it also means we can manufacture equipment, deliver and install onsite quicker than anyone else.*

*We confirm we can adhere to the timescales outlined by the Council, below.*

Pre-Contract Stage	Date
Contract Awarded	Week commencing 11th March 2024

Design & Construction Stage	Date
Feedback/Adjustments to Design Agreed	To be agreed - but likely to be late March/April 2024
Date of Commencement	To be agreed - ideally May/June 2024 (lead times specified on page, 43)
Date of Completion	3-4 weeks from date of commencement outlined on page, 43).

Please refer to our logistics plan relating to how we will manage the physical aspects of the project, sub-section 5.1.



# Project Logistics

## Logistics Plan

In the event of securing the contract, our logistics plan involves strategic measures to ensure a smooth project execution while minimising disruption to the surrounding area:

**Contractor Parking:** We propose utilising off-road contractor parking to minimise disruption to the local residents and commuters.

**Double-clipped heras fencing:** Will secure the area of work and protect the equipment, machinery and members of the community.

**Compound/Welfare set-up:** Located adjacent to the play area to receive deliveries and house container, welfare and machinery.

Our logistics plan is designed with a strong emphasis on noise reduction and disruption mitigation. By carefully selecting the site location, implementing secure fencing, and managing traffic flow effectively, we aim to create a project environment that respects the local residents and amenities surrounding the area whilst efficiently executing the project's objectives.

### Key:

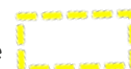
Contractor Parking



Heras Fencing



Compound/Welfare



**Subcontractor:** We propose working with Ashford Contract Services Ltd to deliver this project. Ashford are a family run business conveniently located near Heathrow - less than half an hour away who possess more than 20 years' experience in playground installation, have all the necessary licences, certification, equipment, training and person-power and have completed many large-scale installations for Proludic, including the £70,000 installation at Orchard Way, Camberley for Surrey Heath Borough Council (please see our dedicated case studies and references, sub-section, 5.4) Please also refer to our Project Delivery Partners section for additional information on our sub-contractors that we will be collaborating with to deliver this bespoke project.



# Project Logistics

## Your Proludic Project Team

Proludic have been designing, manufacturing, and installing play and sports areas globally for over 35 years and for the last 22 years in the UK. In this time, we have established partnerships with specialist subcontractors to deliver all contracts to an exceptional standard.

This guarantees that you are working with a company who have a complete and comprehensive understanding of all issues relating to play and sport installations. This includes EN1176/77 & EN16630 safety standards, the importance of delivering sustainable spaces, and designing the most engaging, inclusive areas for the whole community to enjoy.



### **Tim Bird** Area Manager

"I really like this site - the local community are clearly excited to improve the space and I know our design would have a positive impact on a lot of children and parent's lives".



### **Junior Designer Zack Rankin**

"This was a fun project to work on. I really like working on naturalistic designs. I also like projects where there are a few challenges (topography, space constraints, nearby houses...) as I have to come up with creative ideas".



### **Kevin Atwal** Bid Writer

"I've compiled a comprehensive set of documents that demonstrate our ability to deliver your project successfully and give you confidence that you're in good hands. If there's anything else you need, please do not hesitate to contact me".



### **Contracts Manager Jason Cottingham**

Jason will ensure the project is delivered on time and in budget. He will also be responsible for the management of our approved subcontractors. Jason has a strong record for managing multiple sites with tight budgets constraints while still providing complete satisfaction to our customers.



# Project Logistics

## Project Delivery Partners

Ashford Contract Services, transcend the ordinary in the Specialist in Surfacing, Civil & Play Industry. With a foundation built on dedication to quality, safety, and customer satisfaction, their passionate team, boasting a combined experience of 50+ years, has successfully executed numerous projects alongside Proludic, leaving a positive and lasting impact on communities.

With a proven track record of working seamlessly with local authorities, schools, MOD, and commercial clients. From concept to completion, Ashford take great pride in o attention to detail and collaborative approach, redefining outdoor spaces and creating environments that stand out.

*“Ashford Contract Services are specialist groundwork and surfacing contractor...reliable, quality and service driven company. Ashford will often go above and beyond client expectation to deliver a high quality installation”.*

*Helen Marsh  
Contracts Department Manager  
Proludic Ltd*



## Ashford Contract Services Installation Contractor

Email: [ashfordcontractservices.com](mailto:ashfordcontractservices.com)

Tel: +447470 334169



# Project Logistics

## Project Delivery Partners

## RTC Safety Surfaces Ltd Rubber Surfacing Installation

Email: [sales@rtcsafety.co.uk](mailto:sales@rtcsafety.co.uk)

Tel: +441282 414131

Proludic have been designing, manufacturing, and installing play and sports areas globally for over 35 years and for the last 22 years in the UK. In this time, we have established partnerships with specialist subcontractors to deliver all contracts to an exceptional standard.

We have established partnerships with specialist subcontractors in order to deliver all contracts to an exceptional standard. As part of the successful delivery of this project, we will be working with Ashford Services Contract Services, RTC Safety Surfaced Ltd and PlaySmart UK.

RTC, renowned for its expertise and dedication in the field, will be taking charge of the installation of wet pour surfacing at the Collins Drive Play Area. This collaboration marks another milestone in RTC's eight-year partnership with Proludic, a relationship built on trust, quality, and consistent delivery.

Over the years, RTC has repeatedly proven its ability to excel in providing exceptional safety surfacing solutions for various contracts undertaken in conjunction with Proludic. This enduring partnership underscores RTC's unwavering commitment to delivering excellent results.

The selection of wet pour surfacing for this project underscores RTC's dedication to ensuring the safety and well-being of children and playground users. Wet pour surfacing is known for its resilience and impact-absorbing properties, making it the ideal choice for playgrounds.

RTC's extensive experience and proficiency play a pivotal role in the successful installation of wet pour surfacing at this play area. Their established track record serves as a testament to their ability to consistently deliver dependable, high-quality results.

In summary, RTC's involvement in this refurbishment not only reinforces their enduring partnership with Proludic but also highlights their steadfast commitment to creating secure and enjoyable play environments. Some examples of RTC's work can be seen on the left and additional information about their capabilities can be found below:

- Over 20 years play industry experience
- Proludic approved partner for over 8 years
- All staff are DBS checked
- Member of the API (Association of Play Industries)
- Member of the Sports Federation Association
- All employees are fully qualified and insured



PlaySmart UK are a well-established team of playground surfacing specialist, who offer an extensive range of environmentally friendly surfacing solutions.

PlaySmart was developed with the intention of offering consistent, high-quality standards of grass matting to each and every client regardless of location. The impact of this was complete and total customer confidence in the quality of the mats and workmanship of the installation, with the introduction of a ten-year product and five-year installation guarantee.

Developers of innovative products, PlaySmart have always sought to respond quickly to customer and market demands. This innovation has transpired throughout the company's history through to this present day where new high-quality products and research improvements are actively sought in order to be incorporated into the range.

Their unrivalled service is second to none which is why we have chosen PlaySmart as our chosen surfacing specialist as we have the utmost confidence in them to deliver our vision regardless of the scale of the project.

*A True Solution to PlayGround Safety*

*High Quality Products*

*20 Year Experience*



**PlaySmart UK**

**PlaySmart UK**

**EcoSmart Grass Mat Installation**

Email: [info@playsmartuk.co.uk](mailto:info@playsmartuk.co.uk)

Tel: 01564742811



*Before Install*



*After Grass Mat Install*



*Sometime After Grass Mat Install*

# Project Logistics

## Case Studies and References

Proludic has been managing supply and installation contracts for 35 years worldwide, and for the past 22 years in the UK. We can offer expertise and knowledge at both local and national levels. The company enjoys a strong international presence with 6 subsidiaries and 55 distributors across the globe. Over the last 35 years, we have successfully installed 100,000+ playgrounds across a diverse range of settings, serving both the private and public sectors in various climates and cultures. This wealth of experience enables us to provide tailored, individual project responses and ensures a consistently high level of customer service throughout the project's lifecycle.



Proludic boasts a team of industry experts, encompassing qualified Landscape Architects, RPII Inspectors, and industry professionals who actively engage in research on current issues and standards. This collective expertise enables us to offer our customers the utmost professional support, advice, and project delivery in the industry.

Our Managing Director plays an active role on the Executive Committee of the Association of Play Industries, boasting a career spanning over 32 years in the play industry. Furthermore, he serves as a Director for the Federation of Sports and Play Association, representing more than 400 organisations and businesses within the sports and play industry.

The four sites we have showcased demonstrate variances in cost, aesthetics, and requirements while remaining pertinent references for Earley Town Council, Collins Drive Play Area and the community. The case studies presented provide valuable insights into how we approach and execute projects to meet our clients' needs. These are merely three examples, and we can supply an extended list of other completed projects upon request by the Council. Detailed case studies accompanied by details of references now follow.



## A MEETING PLACE FOR THE WHOLE COMMUNITY



### ORCHARD WAY PLAY AREA

**Client:** Surrey Heath Borough Council

**Address:** Orchard Way,  
Camberley, GU15 2TD

**Budget:** £70,000

**Age Range:** Toddler, Junior, Families

**Ranges:** Diabolo, Baby Diabolo

**Referee:** Nicky Sherlow - Senior Business Officer - Surrey Heath Borough Council

nicola.sherlow@surreyheath.gov.uk

01276 707 100

**Relevance:**

- This project was delivered for the same budget
- Targets the same age range
- Social area for parents and carers
- Linking paths
- Example of work by Ashford Contract Services Ltd (installation company we propose using for Collins Drive).

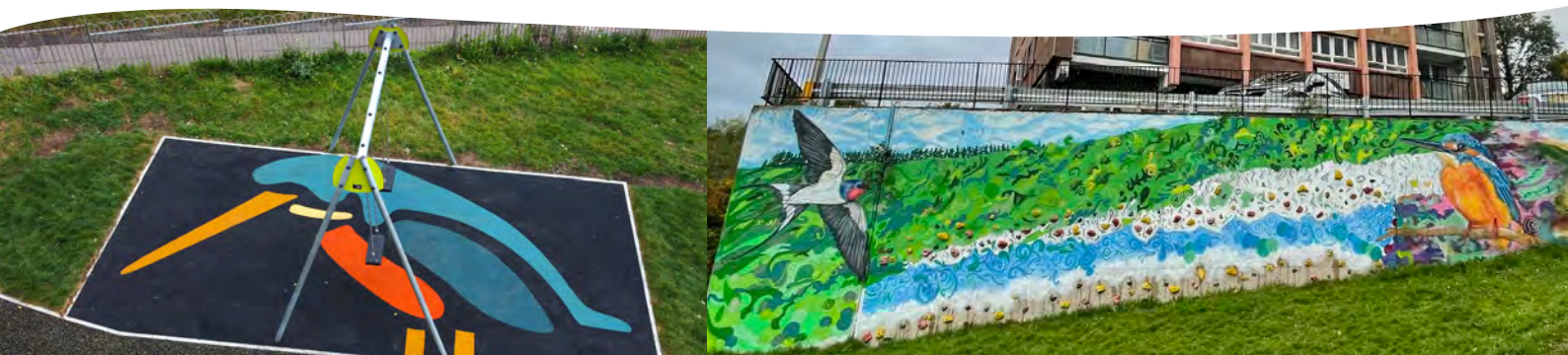
**Project Story:** Surrey Heath invited suppliers to submit imaginative ideas to introduce a range of new play values and create a space the local community would be proud of. The play area sits at the heart of a residential area and is a social hub in which members of the community congregate to get some fresh air and catch up with neighbours.

During the installation, Proludic invited a local play group to don hard hats and hi-vis jackets for a guided tour of the installation site. We showed them the plans and helped them to get excited about the various play features they would soon be able to use.

Proludic installed low-level equipment to ensure users of all physical abilities can access exciting play features. Visitors will find a wheelchair-accessible trampoline, a multiplay unit with tactile features as well as a larger multiplay unit with wide steps, hand holds and a double-width slide that can accommodate a child and carer at the same time.

Wetpour graphics reference the nearby nature reserve, with a caterpillar, butterfly and a stunning kingfisher proudly sitting at the top of a colourful flower. These graphics set the play area apart from other local play spaces and give it a unique identity in keeping with its surroundings. The area is complete with a welcoming seating area which is integral to the design.



AT THE HEART OF  
THE COMMUNITYWHITEHAWK WAY,  
BRIGHTON**Client:** Brighton & Hove City Council**Address:** Whitehawk Way, Brighton,  
BN2 5FX**Budget:** £85,000**Age Range:** Toddler, Junior, Teens**Ranges:** Kanopé, Inclusive, Traditional,  
Dynamic**Surfacing:** Wetpour, Grassmat**Referee:** Steve Hyder  
Programme & Strategy Manager  
Brighton & Hove City Parks  
Stephen.Hyder@brighton-hove.gov.uk  
01273 290 000**Relevance:**

- Similar budget
- Client with high standards regarding durability of equipment and resistance to anti-social behaviour
- Linking Paths
- Range of swinging options, including Mirage seat for users with motor impairments.

Another successful project delivered in Brighton & Hove by Proludic, who always consider the residents in their designs, by taking time to research where they are designing for. This play area is a valuable resource for the many residents living in the flats, that look down on this play area, which has been cleverly designed by Proludic.

City Parks Project Officer, Brighton &amp; Hove City Council

Stella Richardson

**Project Story:** Whitehawk is an area of high deprivation and for years local play areas had fallen into disrepair. Brighton & Hove City Council released a 3-site tender with Section 106 and tasked suppliers with bringing life back to this site and two others (Hollingdean Recreation Ground and Woodingdean Central). Over the years, various items had been removed from this play space, leaving a blank canvas for our talented designers to get creative with. Improving accessibility and creating more varied play opportunities for users of all ages and abilities were top of the agenda, as well as improving fencing and seating facilities. The site is overlooked by 5 tower blocks named Swallow, Kestrel, Falcon, Heron and Kingfisher. These birds are reflected in vibrant wetpour graphics, providing visual stimulation and giving local residents a sense of ownership over the play space.



Proludic created a swing zone for toddlers and users with special needs, as well as a separate swing area for older users. Both age ranges have a multiplay unit with a range of age-appropriate challenges. The toddler Diabolo equipment has a narrow platform which allows users with limited mobility to use the sides for support as they move along the unit. The senior area sits apart from the inclusive zone to reduce traffic in the younger area and give older users a dedicated 'hang-out' space. We have included items that are proven 'winners' with teen girls who are often overlooked in play design. They can spend time with friends at the flat swings, horizontal bars or rodeoboard spinner.



Whitehawk Way is the go-to play area for large number of children on the estate, so items selected were made of galvanised steel and High Pressure Laminate panels to ensure longevity and minimise maintenance requirements. Input from the local residents was pivotal in creating the design specification and we strived to deliver on as many of their requests as possible. We also took time to meet locals and listen to their stories. We were introduced to Noah - a young boy with multiple special needs - and we created a special inclusive swing seat to make Noah feel special and welcome.

The project was delivered on time and on budget in collaboration with one of our local trusted sub-contractors. Another successful project delivered in Brighton & Hove by Proludic, who always consider the residents in their designs, by taking time to research where they are designing for. This play area is a valuable resource for the many residents living in the flats, that look down on this play area, which has been cleverly designed by Proludic. The design features birds that represent the names of the flats, so when residents look down, they can see the bird that represents where they live. The birds are beautifully designed and add play value to the design, along with colourful equipment and give pleasure to those live in the flats and all its users.



SMALL BUT PERFECTLY  
FORMED PLAY SPACE

## SIX ACRES, SLINFOLD

- Client:** Slinfold Parish Council
- Address:** Six Acres, Slinfold, Horsham  
RH13 0TH
- Budget:** £35,000
- Age Range:** Toddler
- Ranges:** Baby Diabolo, Traditional,  
Dynamic, Educational
- Surfacing:** Wetpour

**Project Story:** Nestled into the small village of Slinfold, the playground on Six Acres required some much needed attention to bring it back to life. Working with Slinfold Parish Council, Proludic identified issues with the existing play area and put forward creative solutions to enhance its play value, safety and longevity. To breathe some life back into the playground, Proludic removed and replaced the existing wetpour surfacing as well as building up ground levels and covering any tarmac surfaces.

The playground now features a range of new equipment to be used by the community, including our low-level Baby Diabolo playhouse with play features focusing on key developmental skills of toddlers. Old favourites such as swings and springers were replaced with brighter, fresher equipment and the play area pays tribute to the former Parish Clerk's dog, named 'Willow'.

« The opening of Six Acres play area went very well today. We had the sunshine and the equipment was thoroughly used. Everybody including the children and the council thought that your equipment was great. »

**Jane Slipper**  
Councillor  
Slinfold Parish Council



# Project Logistics

## Case Studies and References

### CASE STUDY

The surrounding community showed great interest during the refurbishment of the play space with many young adventurers and parents revisiting the playground to celebrate the reopening. Both the Parish and the community were overjoyed with the revitalised playground and it was well recieved by local children who thought the new equipment was great!

To continue nurturing the development of key skills, Proludic added a variety of educational play panels including a sparkling butterfly play panel and flower explorer panel. Additionally, the inclusion of our Baby Diabolo Multiplay unit (J38706A) continues to reinforce and encourage interaction with the equipment's educational play features. Replacing an old and tired springer, we included our Puppy (J855A) & Daisy (J844A) springers to the small space along with brand new cradle swings (J474A).



### Additional References (not linked to above case study):

Judith Hall  
Parish Clerk  
Farnham Royal Parish Council  
Clerk@farnhamroyal-pc-gov.uk  
01753 648 497



## GREEN AND INCLUSIVE WITH ADDED 'WOW' FACTOR



### WOODFORD PARK

<b>Client:</b>	Woodley Town Council
<b>Address:</b>	Haddon Drive, Woodley, Reading, Berkshire, RG5 4LY
<b>Budget:</b>	£250,000
<b>Age Range:</b>	Toddler, Junior, Teen, Families, Inclusive
<b>Ranges:</b>	Dynamic, Origin', Kanope
<b>Surfacing:</b>	Wetpour, Grassmat

**Project Story:** Green Flag status Woodford Park is located in the centre of Woodley and provides a diverse range of facilities for residents and visitors of all ages. The one missing piece that would truly make this space memorable was the refurbishment of the play space. Therefore, Woodley Town Council was delighted to announce the long-awaited creation of a new 'destination' play area project for Woodford Park, catering to all ages and abilities. Following a successful public consultation with residents with over 700 responses, Proludic was selected from seven tendering contractors to deliver this exciting project.

This first-class play area was funded by £200,000 of developers' contributions via Wokingham Borough Council, with £57,000 additional funding from Woodley Town Council. Additionally, Proludic offset the carbon dioxide this play area produced during the manufacturing and installation process against renewable projects.



Proludic's Area Manager for the South-East, Tim Bird, worked closely with the Design department to create a scheme that enabled all users to experience the thrill of playing at different heights. A ramp (compliant with The Equalities Act 2010) takes users to various play features including a double-width inclusive slide. A Kanopé play unit with 1.77m decks provides a challenging experience for juniors, while a giant 7m Kanopé unit caters for older children with an exciting net climber and twisting spiral tube slide to deliver that all-important 'wow factor' every destination site must deliver.



“ We are delighted to be able to add something of such high quality, that brings even more pleasure to the people of Woodley. We’ve got something for all ages, again the inclusivity element is in there for all the kids, particularly with the younger play area so yeah, it ticks all of our boxes. ”

Kevin Murray  
Deputy Town Clerk for Woodley Town Council

The new play area replaces the old one at the rear of the Oakwood Centre. It has been designed specifically with 'inclusivity' in mind and will offer a stimulating, exciting play experience for children of all abilities. The inclusive jeep (J952) offers easy access for those in wheelchairs as does the roundabout installed (J2409), while a sensory trail is a great social and learning experience for all, offering tactile, musical and problem-solving play solutions.

The inclusive play area can cater to up to 160 children playing at any one time, offering 120 different play values that children can immerse themselves within. The site also includes many design features to accommodate users with limited mobility, such as thermoplastic markings to guide them to the site via a smooth path and a wheelchair-inclusive timber agility trail.



« I think what I like most about our design, is that it gives everybody the opportunity to experience the thrill of playing at height. We've included a playhouse for toddlers, a DDA compliant ramp that takes users up to an inclusive slide, and a multiplay unit that's got lots of challenging features for juniors. Finally, we've got one of our epic seven-meter Kanope towers for older children. »

Tim Bird,  
Proludic Area Manager

The space is split into three zones that cater to different age groups. The Tree Tops area was designed for juniors and teenagers to enjoy whereas the Wild Woods area mainly caters to toddlers and juniors. The trim trail is extensive with 7 pieces of equipment from the Origin', natural wood Robinia range, stretched out over a 35-meter distance.

## Selected Products



J56100 Kanope Tower  
Multiplay Unit



J2409 Wheelchair  
Accessible Roundabout



J952 Inclusive Jeep



J986 Double Perch



J234 Playhouse



J442 Metal Rope Swing



Contact Us On: [www.proludic.co.uk](http://www.proludic.co.uk) - [info@proludic.co.uk](mailto:info@proludic.co.uk) - 0115 9823 980





Designer of play and sports areas

*Collins Drive  
Children's Play Area*

## Play Value



Role Play



Social Play



Resting



Shelter



Climbing



Sliding



Climbing x2



Handling



Hiding x2



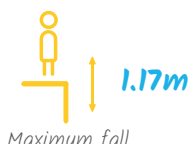
Inclusive

**Ages:** 2+

**Users:** 15

**Play Values:** 11

**Play Elements:** 9



## Description

Diabolo provides a variety of activities in a compact space. The rounded panels and roofs are made with materials selected for their safety and durability. The colours are captivating shades of orange, green and yellow, which enable the structures to blend harmoniously with all types of environment.

**The Climbing Wall** - The climbing wall provides an alternative route to the 1.17 metre platform. The button climbing holds are user friendly supports for children's hands and feet as they make their way up and across the climbing wall. The anti-slip surface of the climbing wall provides additional grip. Different coloured climbing holds give a decorative appeal.

**Slide** - The slide enables users to experience the ever popular pleasure of sliding down to the ground from the platform. A protective bar at the top of the slide prevents any accidental falls, as well as providing support for users as they position themselves on the slide bed. The relatively steep gradient at the start of the slide provides exhilarating sensations, before users slow down as they come towards the safer surfacing.

**Walkway** - The bridge provides an obstacle free connection between the two platforms. The side rails allow users to steady themselves as they cross the bridge or to simply lean on them and take a break to look over the side at what is happening in the rest of the playground. The open sides give children a feeling of height and the understanding that they are crossing an opening between two platforms.

**Tower Height 1.17 Metres** - The platform is an ideal point for users to meet and interact. The green and orange roof provide both protection from the elements and a strong visual appeal. The non-slip HPL platform provides grip for users underfoot.

## Inclusive Elements



The seat found on the underside of the slide allows children to socialise or simply take a break in the shade. It can be used as a seat, play table or hideout for those children that appreciate having some time alone, away from the hustle and bustle of the playground environment.



## Kanope Pod Swing J435A

### Play Value



Swinging



Social Play



Role Play



Balancing



Coordination



Resting



Ages: 2+

Users: 5

Play Values: 6

Play Elements: 1



1.46m

Maximum fall height



Inclusive

### Description

The Pod Swing encourages group play and social interaction. Children can work together to swing as high as possible, make new friends and see how many of them can fit in the pod at once.

Swings combine **motor coordination** and **sensory stimulation** and develop the **sensation of feeling the body move in space**.

The pod bowl is 1m wide allowing a parent or carer to swing alongside a child.

#### Inclusive Elements



The swinging motion has a calming influence for children with learning difficulties.



Swinging has a positive effect on the inner ear of children with hearing impairments.



The large pod seats allows either a seated or lying position. It offers a large supportive surface for children with less developed muscle tone. It offers open space and height suitable for easy wheelchair transfer.



Retention in position is essential to reassure children with visual or postural impairments and prevent any risk of being thrown out of the equipment. The seats are therefore a wraparound pod tyre design to ensure the back is in the correct position providing body stability during play.



**Kanope  
Combination Swing  
- J433A**

**Play Value**



Swinging x2



Social Play



Role Play



Balancing



Coordination



Resting



Ages: 1+

Users: 2

Play Values: 7

Play Elements: 2



1.28m

Maximum fall height



Inclusive

## Description

Swings combine **motor coordination** and **sensory stimulation** and develop the **sensation of feeling the body move in space**.

### Inclusive Elements



The swinging motion has a calming influence for children with learning difficulties.



Swinging has a positive effect on the inner ear of children with hearing impairments.



## Low Platform Roundabout J2404A

### Play Value



Spinning



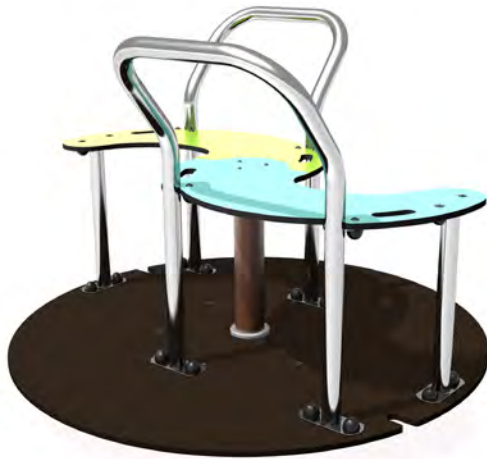
Social Play



Role Play



Balancing

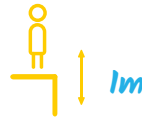


Ages: 2+

Users: 4

Play Values: 4

Play Elements: 1



Maximum fall height



Inclusive

## Description

Rotating equipment provides good **sensory** and **motor stimulation**. Children can experience speed safely. The handles, wide and recessed seating with lateral protection elements are essential for making children feel safe and secure during the activity.

### Inclusive Elements



The rotation movement has positive effects on the inner ear of children with hearing impairments.



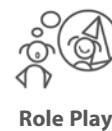
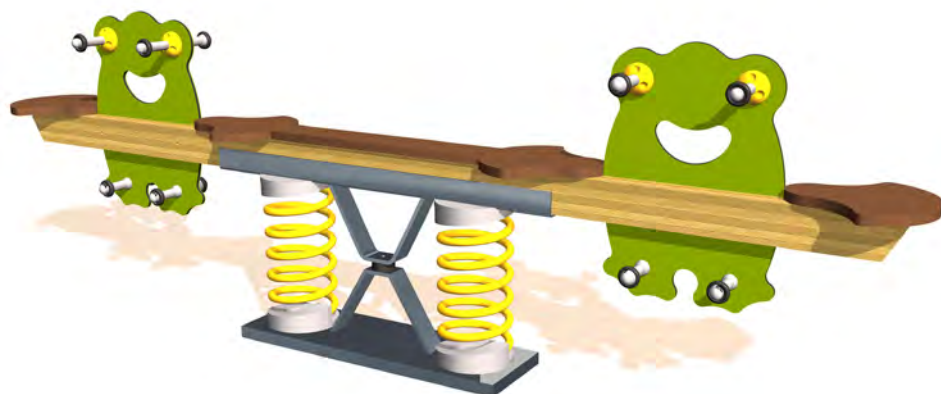
The seat is at wheelchair height and is extended at the periphery to provide an easy transfer.



Roundabouts can help autistic children increase their vestibular stimulation, they can also increase the development of kinaesthetic awareness and can help them develop strength, coordination and balance. The movement can also be therapeutic.



## Play Value



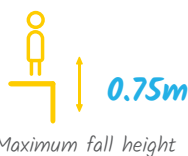
Has timber beam - all metal alternative also available. See: <https://www.proludic.co.uk/product/j9853/>

**Ages:** 2+

**Users:** 4

**Play Values:** 6

**Play Elements:** 1



## Description

The Tree Frog Springer will challenge younger children to rock themselves, they may start off with parents and other children helping them and supporting them and as their skills develop they will be able to support themselves and rock themselves to various degrees.

Spring mounted equipment develops motor skills, coordination and sense of balance and provides fun swinging movements.

### Inclusive Elements



Autistic children love to bounce. It's a particularly enjoyable repetitive behaviour that can provide both soothing and stimulating sensory input. Bouncing is a form of stimming, helping them to manage their emotions or help them to de-stress if they are feeling overwhelmed. This unit encourages them to interact with other children.



The rocking motion has positive effects on the inner ear of children with hearing impairments.



## Play Value



Balancing



Role Play



Rocking



Coordination



**Ages:** 2-8

**Users:** 1

**Play Values:** 4

**Play Elements:** 1



Maximum fall height



Inclusive

## Description

The Star Springer will challenge younger children to rock themselves, they may start off with parents and other children helping them and supporting them and as their skills develop they will be able to support themselves and rock themselves to various degrees.

Spring mounted equipment develops **motor skills**, **coordination** and **sense of balance** and provides fun swinging movements.

### Inclusive Elements



The oscillating movement of the springer has a calming effect for autistic children and children with learning difficulties.



The rocking motion has positive effects on the inner ear of children with hearing impairments.



The wide seat, side panels and backrest ensure good position retention for children with motor impairments.



## Play Value



Resting



Social Play



Role Play



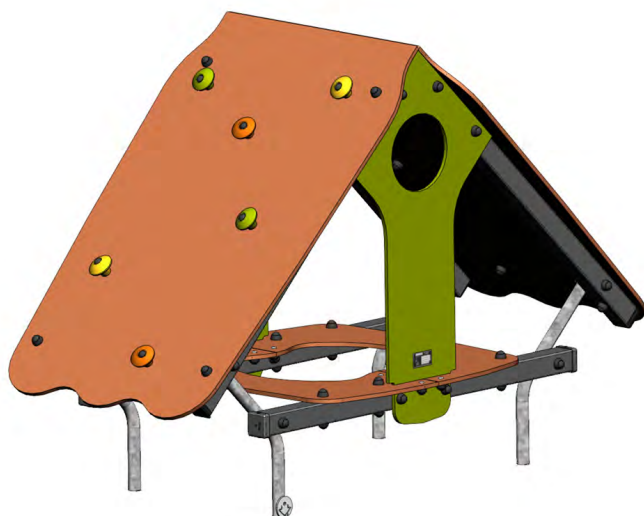
Shelter



Hiding



Climbing

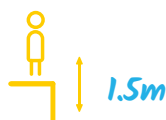


**Ages:** 2+

**Users:** 14

**Play Values:** 6

**Play Elements:** 3



Maximum fall height



Inclusive

## Description

This playhouse provides a wonderful place for young children to play or chat. Its shape, style and cleverly designed accessories take young children into an imaginary world where they can play shops, teachers or chefs.

Outside or inside, on top or underneath they can climb, take shelter, play alone or in a group. With a playhouse, there are numerous possible play situations.

Outside, the sloping roof can be climbed, inside, there is space for up to six children sitting on the benches to chat or play quietly.

### Inclusive Elements



The sheltered, seating area affords children with autism a quiet space of calm to take a break from potentially overwhelming surroundings.

Images  
shown are  
for illustration  
purposes only -  
item has metal  
beams





## Play Value



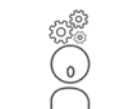
Tactile Play



Social Play



Role Play



Educational



Sensory  
Visual



Sensory  
Sound

**Ages:** 2+

**Users:** 2

**Play Values:** 6

**Play Elements:** 1



Maximum fall



Inclusive

## Description

The Sensory Play Panel is an engaging panel with various activities which will stimulate touch, sight and sound senses. The panel has a selection of activities which include a tumble ball, spiral spinners, roller ball seed pods, tactile leaves, a coloured window and sliding counters.

### Inclusive Elements



Installed at wheelchair transfer height.



Children with learning difficulties will encounter appropriate types of stimulation via this equipment.



Contrasting colours are used for children with limited vision but it's the sound and texture that are truly engaging.



Children with limited hearing will be able to pick up the noise of the tactile leaves, rain sounds and roller ball seed pods.



## Play Value



Sensory  
Visual



Social Play



Problem  
Solving



Tactile Play



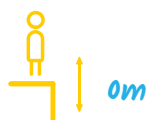
Inclusive

**Ages:** 2+

**Users:** 2

**Play Values:** 4

**Play Elements:** 1



Maximum fall height

## Description

Play Panels are a fantastic tool for encouraging physical and practical play and can help develop a child's concentration skills and improve coordination. Play Panels stimulate children's minds, encouraging them to learn and develop skills through play and enhance their ability to observe and concentrate.

This puzzle panel is accessible to all, will bring low level play into the area and is also suitable for children with motor impairments and children with learning difficulties. As children move the pieces into place they will begin to see the frog appear before their eyes!

### Inclusive Elements



Accessible at ground level for children confined to a wheelchair.



Each sliding tile is laser cut making this item tactile and suitable for children with visual impairments.





2+



15



1,17m



1 = 4,34m  
2 = 1,52m  
3 = 2,94m



Motor inclusion  
Sensory inclusion  
Mental inclusion



Play value : **13**

climbing



x2

sliding



x1

meeting



x2

resting



x1

handling



x1

hiding



x1

taking shelter



x1

tactile stimulation



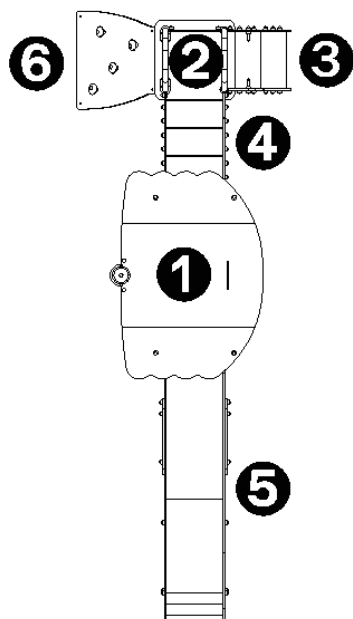
x1

climbing



x3

## Components

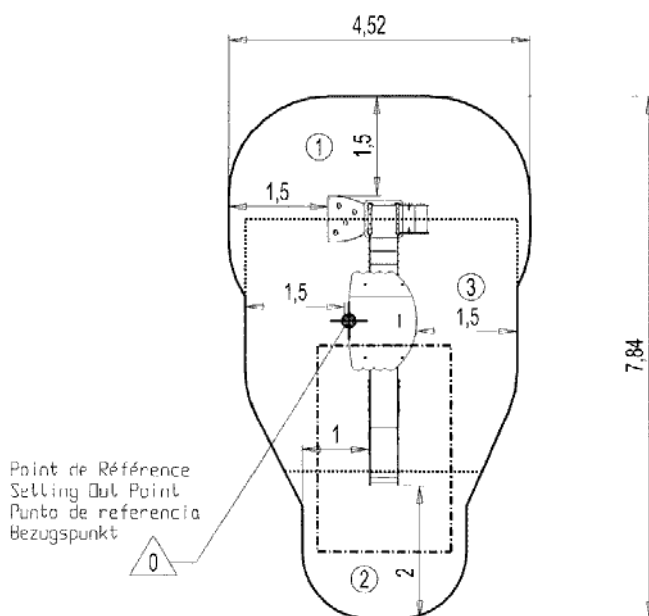


- ① Tower HT: 1.17m
- ② Platform HT: 0.6m
- ③ Steps
- ④ Connecting staircase
- ⑤ Slide HT: 1.17m
- ⑥ Slope
- ⑦ Climbing wall
- ⑧ Seat
- ⑨ Counting panel

## Installation of equipment

**IMPORTANT:** It is essential to refer to the installation instructions for information on the size of the safety areas.

- Impact area (minimum normative surface)
- Free space



1	0,6m	8m <sup>2</sup>
2	1m	5,5m <sup>2</sup>
3	1,17m	15m <sup>2</sup>



2

18h00

0.2m<sup>3</sup>

28.5m<sup>2</sup>

253kg

17kg

EN

1176



2+



5



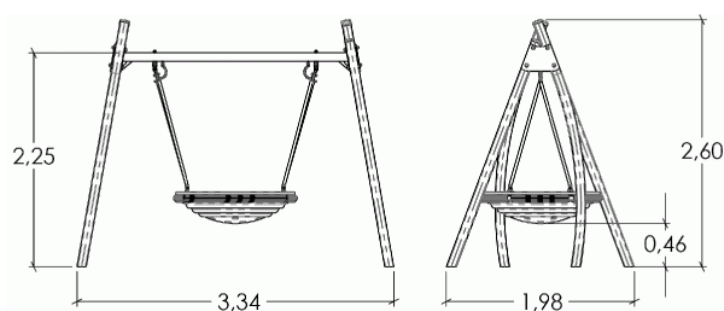
1,46m



1 = 3,34m  
2 = 1,98m  
3 = 2,6m



Motor inclusion  
Sensory inclusion  
Mental inclusion



Play value : 3

meeting



x1

resting



x1

swinging



x1

## Installation of equipment

**IMPORTANT:** It is essential to refer to the installation instructions for information on the size of the safety areas.

———— Impact area (minimum normative surface)

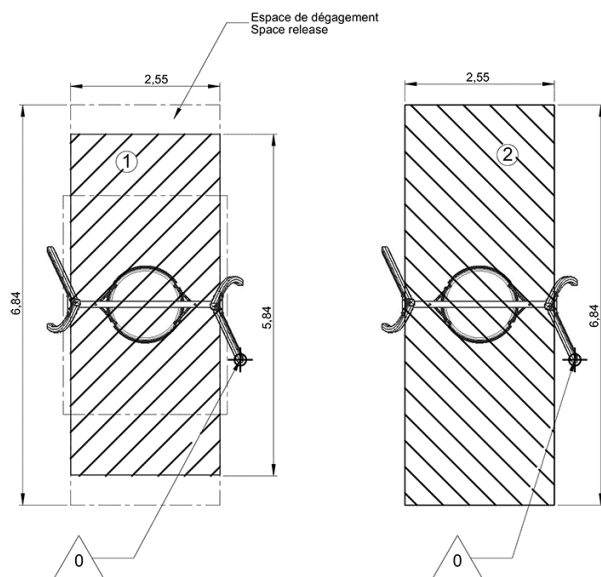
- - - - Free space



Zone d'Impact Sol souple  
Impact Area Wetpour  
Area de Impacto  
Fallraum bei synthetischem Fallschutz



Zone d'Impact Sol fluant  
Impact Area Loose particle material  
Arenero  
Fallraum bei losem Bodenmaterial



1	1,46m	15m <sup>2</sup>
2	1,46m	17,5m <sup>2</sup>



2



01h30



0.11m<sup>3</sup>



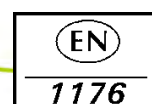
15m<sup>2</sup>

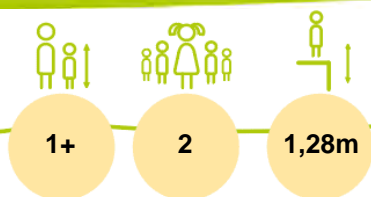


172kg



42kg

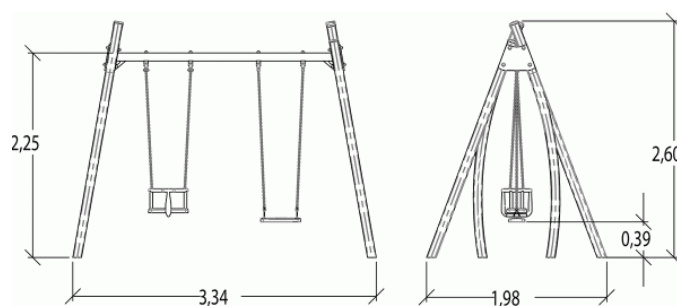




1 = 3,34m  
2 = 1,98m  
3 = 2,6m



Motor inclusion  
Sensory inclusion  
Mental inclusion



Play value : 4

meeting



x1

resting



x1


swinging



x2

## Installation of equipment

**IMPORTANT:** It is essential to refer to the installation instructions for information on the size of the safety areas.

 Impact area (minimum normative surface)

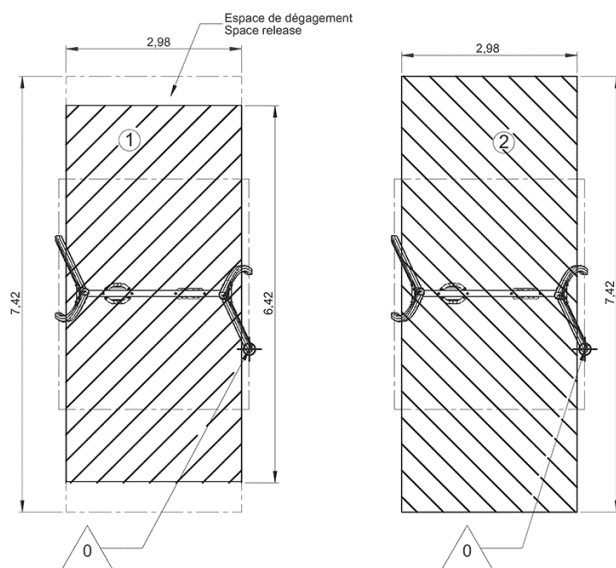
 Free space



Zone d'Impact Sol souple  
Impact Area Wetpour  
Area de Impacto  
Fallraum bei synthetischem Fallschutz



Zone d'Impact Sol fluent  
Impact Area Loose particle material  
Arenero  
Fallraum bei losem Bodenmaterial



1	1,28m	19,5m <sup>2</sup>
2	1,28m	22,5m <sup>2</sup>



2



1h30



0.11m<sup>3</sup>



19.5m<sup>2</sup>

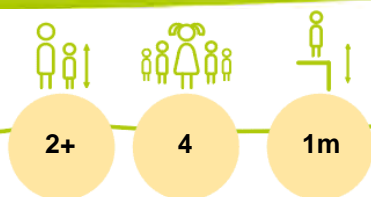


149kg



30kg

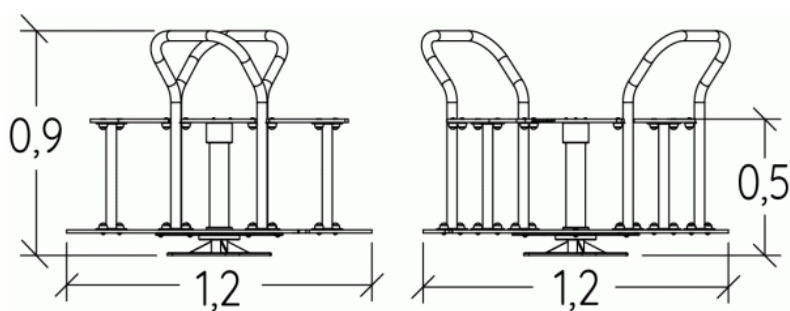
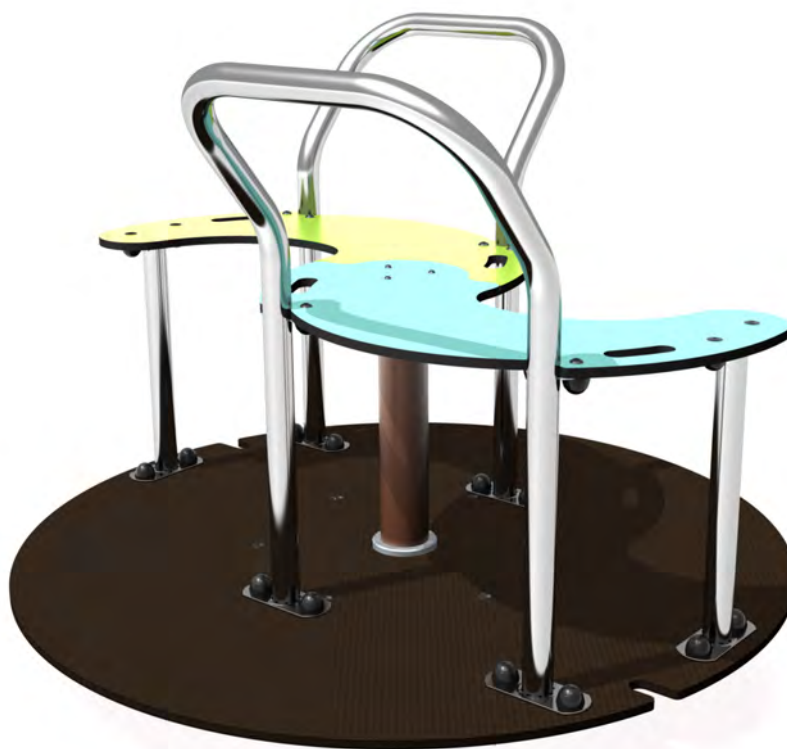




1 = 1,2m  
2 = 1,2m  
3 = 0,88m



Motor inclusion  
Sensory inclusion  
Mental inclusion



Play value : 3

meeting



x1

balancing



x1

rotating



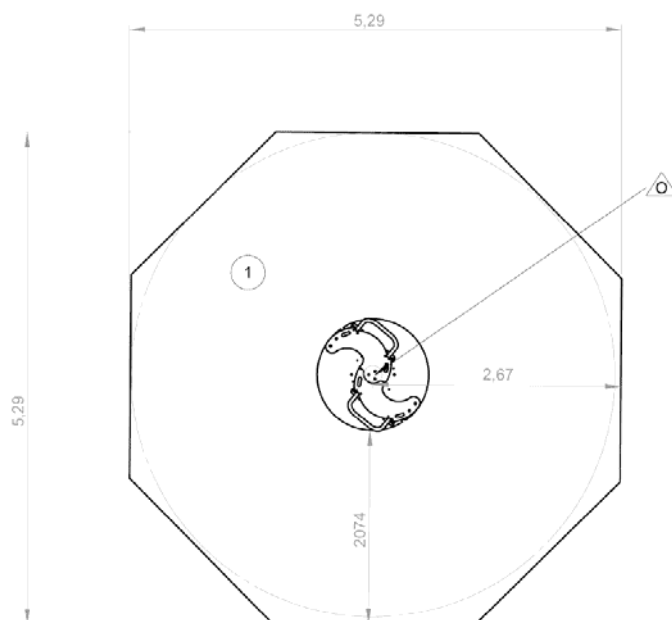
x1

## Installation of equipment

**IMPORTANT:** It is essential to refer to the installation instructions for information on the size of the safety areas.

**————** Impact area (minimum normative surface)

**- - - -** Free space



1	1m	23m <sup>2</sup>
---	----	------------------



1

03h00

0.3m<sup>3</sup>

23m<sup>2</sup>

94kg

83kg

EN  
1176



2+



4



0,75m



1 = 2,63m

2 = 0,3m

3 = 0,85m



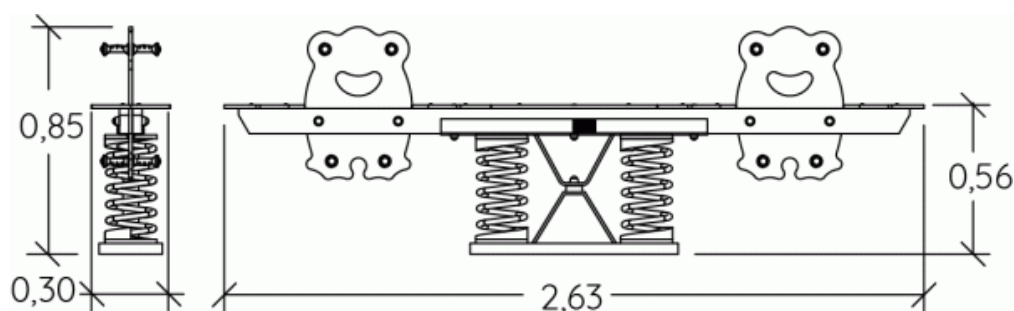
Motor inclusion

Sensory inclusion

Mental inclusion



Below has timber beam - all metal alternative also available. See: <https://www.proludic.co.uk/product/j853/>



Play value :

4

role play



x1

meeting



x1

balancing



x1


Oscillate



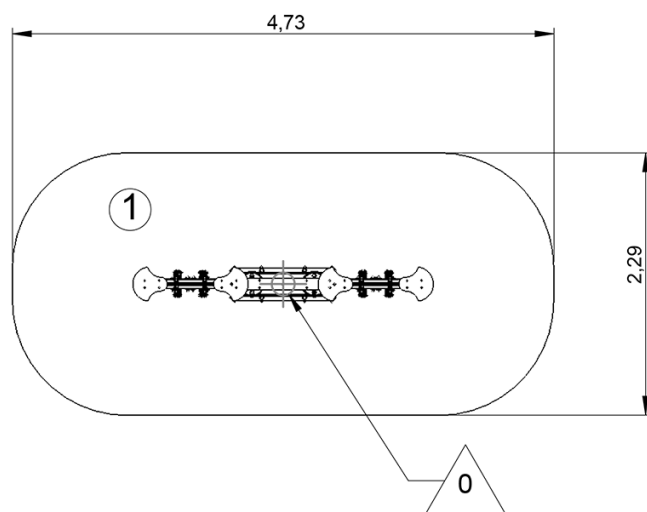
x1

## Installation of equipment

**IMPORTANT:** It is essential to refer to the installation instructions for information on the size of the safety areas.

 Impact area (minimum normative surface)

 Free space



1	0,75m	10m <sup>2</sup>
---	-------	------------------



2

00h45

0m<sup>3</sup>

10m<sup>2</sup>

86kg

65kg

EN  
1176



2-8



1



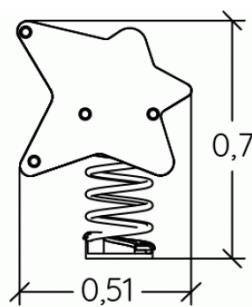
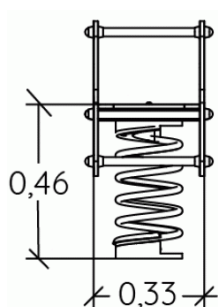
0,6m



1 = 0,51m  
2 = 0,33m  
3 = 0,7m



Motor inclusion  
Sensory inclusion  
Mental inclusion



Play value :

3

role play



x1

balancing



x1



Oscillate

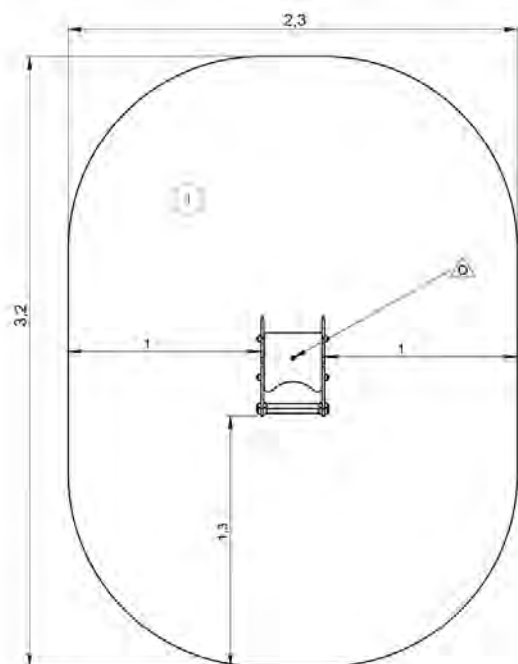


x1

## Installation of equipment

**IMPORTANT:** It is essential to refer to the installation instructions for information on the size of the safety areas.

-  Impact area (minimum normative surface)  
 Free space



1	0,6m	6m <sup>2</sup>
---	------	-----------------



1

01h00

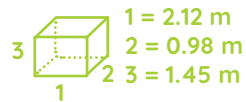
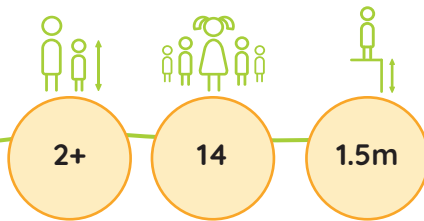
0m<sup>3</sup>

6.5m<sup>2</sup>

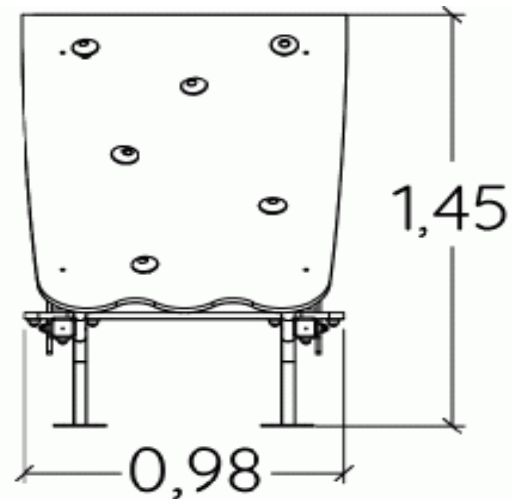
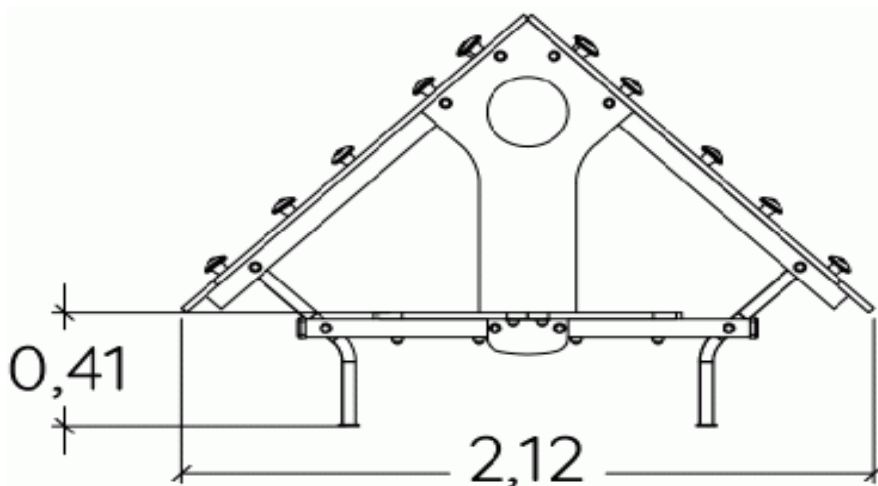
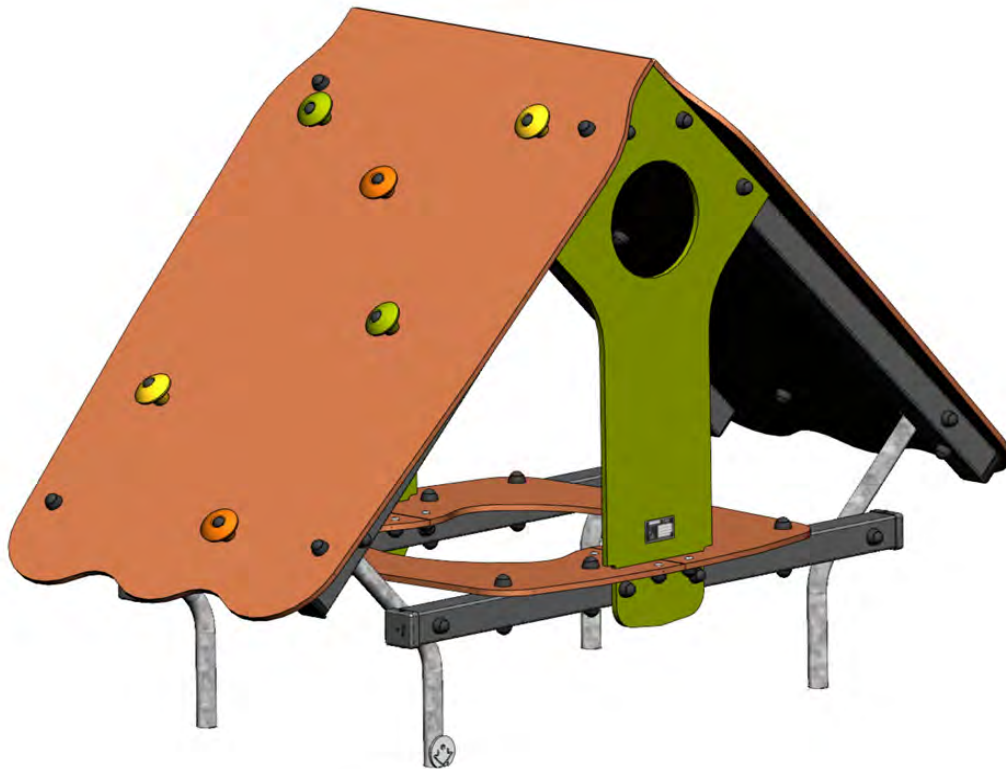
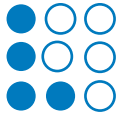
27kg

11kg

EN  
1176



Motor disabilities  
Sensorial disabilities  
Learning disabilities



Play values : 6

climbing



X1

role play



X1

meeting



X1

resting



X1

Hiding



X1

shelter



X1

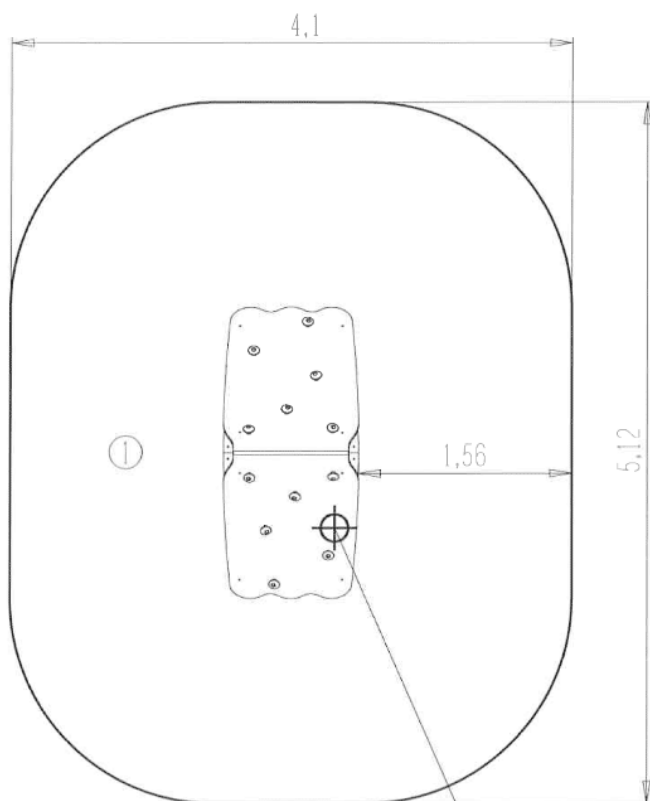
## Installation of equipment

**IMPORTANT:** It is essential to refer to the installation instructions for information on the size of the safety area.

Impact area =

———— Impact area

- - - - - Free space



Point de Réf  
Setting Out  
Punto de ref  
Bezugspunkt

1	1.50 m	19 m <sup>2</sup>
---	--------	-------------------



2



01h50



0.1m<sup>3</sup>



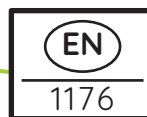
19m<sup>2</sup>



110 kg



23 kg



# Product Information

## FISENP - Sensory Play Panel

**BS EN 1176** - Designed to British & European Standards

### MATERIALS

**Panel** - Two Colour High Density Polyethylene (HDPE)

### SUPPLY METHOD

**Panel** - Singular panel

### FEATURES



**INCLUSIVE** - Activity positioned at accessible height



**SLIDERS** - Counters positioned along the branches



**ROLLERBALL** - Inside a "Pod" shaped Plant-On



**ROTATE** - Organic fan pattern & Flower bearing spinner



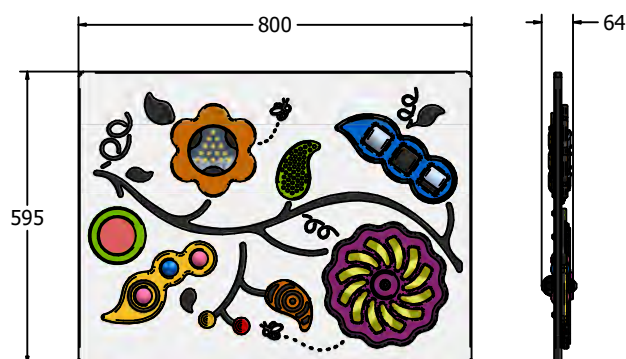
**FLIP** - Create a simple pattern using the two colour rollers



**SOCIAL** - Several activities; encourages multiple playability

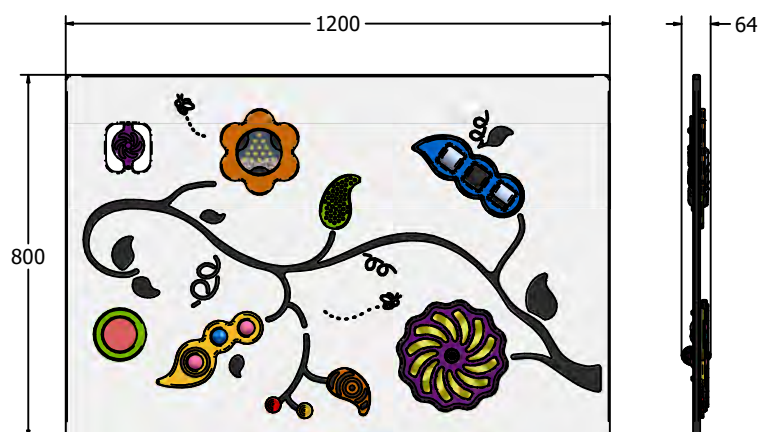


### DIMENSIONS



FISENP6  
FISENP6-AL  
FISENP6-AL-WP

Standard Panel  
Panel with Edge Slots for Alu Posts  
Panel with Alu Posts



FISENP3  
FISENP3-AL  
FISENP3-AL-WP

Standard Panel  
Panel with Edge Slots for Alu Posts  
Panel with Alu Posts

### TECHNICAL

**Age Range:** 2+ Years  
**Largest Part:** FISENP6 - 595 x 800 x 64mm  
**Total Weight:** FISENP6 - 7.8kg  
**Surfacing:** N/A

**Age Range:** 2+ Years  
**Largest Part:** FISENP3 - 800 x 1200 x 64mm  
**Total Weight:** FISENP3 - 14.6kg  
**Surfacing:** N/A

IMPORTANT: you must specify the colour option you require at the time of order if it is different from the colour listed/shown above, requirements are subject to availability at the time of order

**Fahr Industries Ltd**  
Spitfire Road, Old Sarum,  
Salisbury, Wiltshire, SP4 6GB, UK

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**Fax:** +44 (0)1722 349792  
**Web:** [www.fahr-industries.com](http://www.fahr-industries.com)

# Product Information

## FITSFROG - Tile Slide Frog Play Panel

**BS EN 1176** - Designed to British & European Standards

### MATERIALS

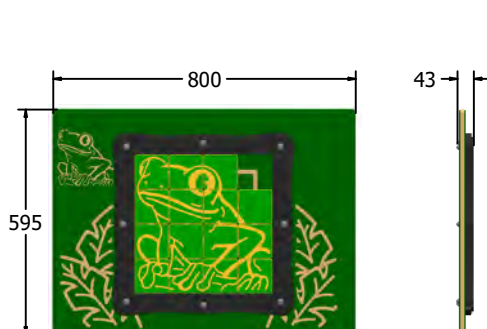
**Panel** - Two Colour High Density Polyethylene (HDPE)

### SUPPLY METHOD

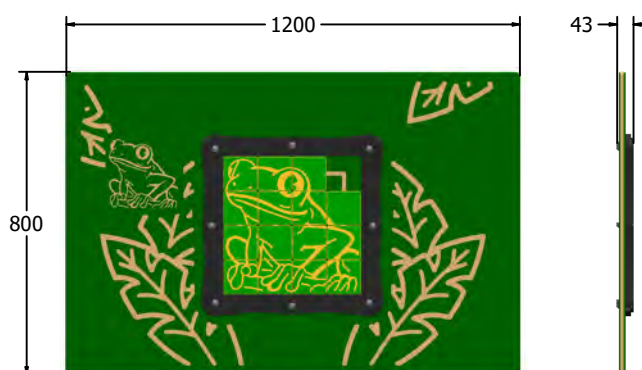
**Panel** - Pre-assembled singular panel



## DIMENSIONS



FITSFROG6



FITSFROG3

## TECHNICAL

**Age Range:** 2+ Years  
**Largest Part:** FITSFROG6 - 595 x 800 x 43mm  
**Total Weight:** FITSFROG6 - 11kg  
**Surfacing:** N/A

**Age Range:** 2+ Years  
**Largest Part:** FITSFROG3 - 800 x 1200 x 43mm  
**Total Weight:** FITSFROG3 - 19.5kg  
**Surfacing:** N/A

IMPORTANT: you must specify the colour option you require at the time of order if it is different from the colour listed/shown above, requirements are subject to availability at the time of order

# Bow Top

## PRODUCT INFORMATION

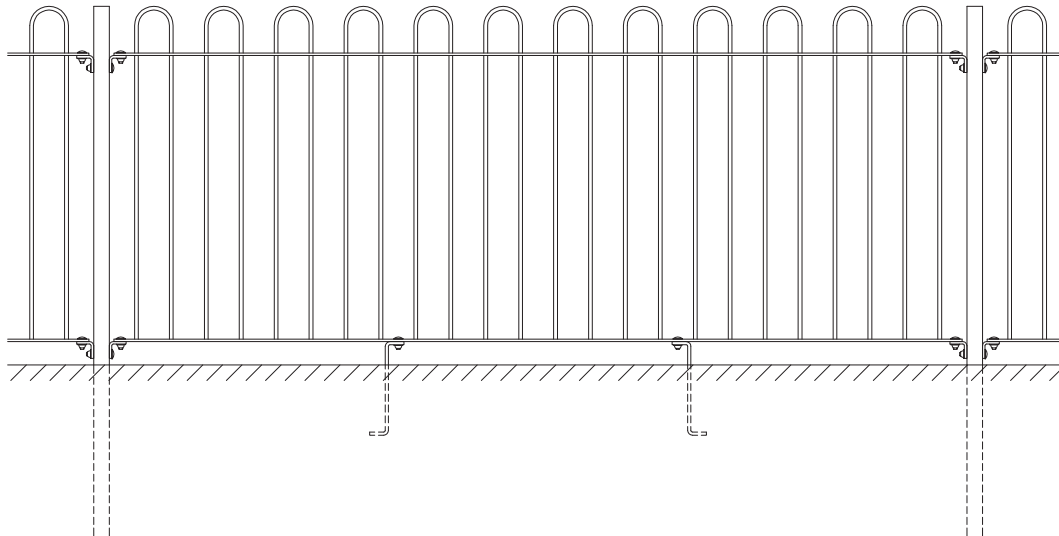


Allowing for steps of  
0-16mm & 56-72mm



Standard Bow Top

NB: We have priced for green bowtop fencing within our quotation.



### Features:

- ▶ Compliant with BS 1722 Pt. 9
- ▶ Various heights available from stock
- ▶ Stepping cleats
- ▶ Security fixings
- ▶ Range of standard feature designs available
- ▶ Hot Dip Galvanised to BS EN ISO 1461
- ▶ Polyester Powder Coating (optional)

### Suitable for:

- ▶ Schools, Colleges & Universities
- ▶ Housing Estates
- ▶ Retail Parks
- ▶ Parks and Open Spaces

TEL: 01782 339320  
FAX: 01782 339323  
fencing@iae.co.uk  
www.iae.co.uk



## Bow Top Specification Guidelines (BS 1722 Pt. 9)

### PANELS

Heights	Up to 2000mm (900*, 1000*, 1200* & 1800mm*)
Bar Diameter	12, 16 or 20mm according to height
Bar Centres	12 & 16mm @ 112mm ctrs / 20mm @ 120mm ctrs
Panel Width	2720mm

\*Held in Stock

### POSTS

Post Size	Up to 1200mm – 50 x 50 SHS Over 1600mm – 102 x 44 RSJ (or box section alternative)
Post Centres	50 x 50 SHS 2800mm 102 x 44 RSJ 2750mm

Blythe Bow Top



Hollington Bow Top



Tittesworth Bow Top



Interlaced Bow Top



# Product Datasheet

RTC's safety surfaces are a multi-component polyurethane and rubber composite which is formed in-situ by a chemical mixing, wet pouring, levelling, screeding and rolling process. RTC uses an EPDM rubber crumb combined with a polyurethane binder to create a long lasting and aesthetically pleasing surface.

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## EPDM Rubber Granule

EPDM (Ethylene Propylene Diene Modified) rubber granules form the wearing course of the surface. When used in the two layer system this wearing course is laid at a depth of 15mm. Rubber granules between 1mm and 4mm form a hard wearing, porous and slip resistant layer.

EPDM granules are available in a variety of colours – please see our colour sample sheet for further details.

## SBR Rubber Granule

SBR (Styrene Butadiene Rubber) granules form the base layer of the surface and produce the absorbent properties of the system. 2mm – 6mm SBR granules are made from recycled truck tyres.

## Polyurethane Resin Binder

A polyurethane resin is used in varying quantities to bind the EPDM or SBR rubber granules together. All products are mixed on site and laid in-situ.

RTC's safety surfaces provide a hard wearing, porous and absorbent surface ideal for laying on playgrounds, golf courses, equestrian centres, swimming pools and gyms.

All surfaces meet British and European safety standards and come with a 5 year warranty.

For information on the required area size and depth of surface please see our datasheet – 'Assessing the Required Thickness and Area Size'.

For information on the required sub-base and edging specification please see our datasheet – 'Sub-Base Specification'

# How to Determine the Required Thickness and Area Size

The following information is designed to help you assess the required depth and area size of safety surfacing required.

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[sales@rtc-safety.co.uk](mailto:sales@rtc-safety.co.uk)



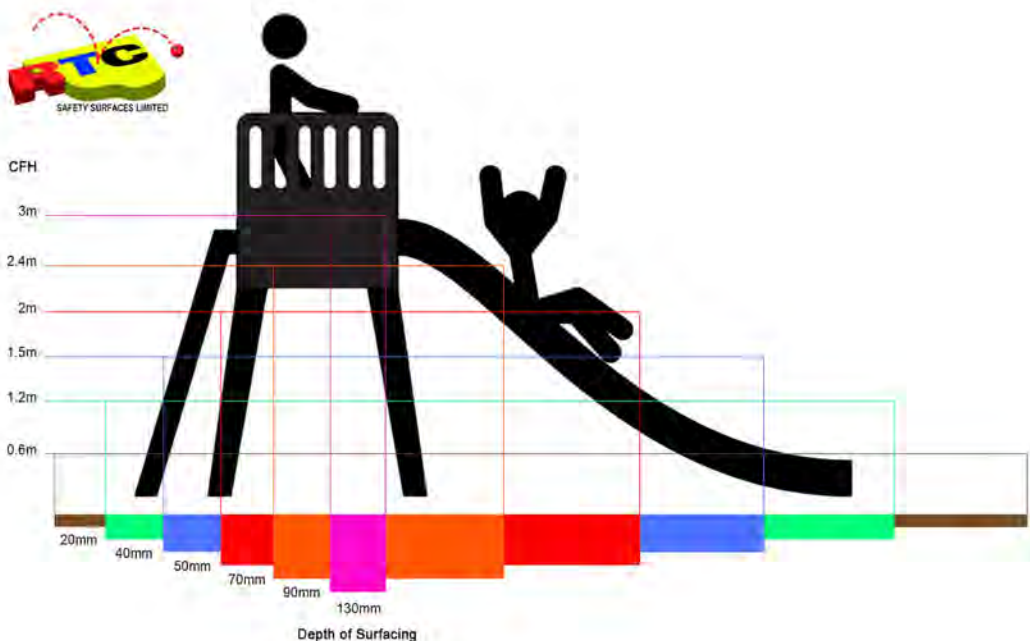
## Depth of Surfacing

The depth of surfacing required is calculated according to the Free Fall Height (FFH) of any play equipment along with the surface's Critical Fall Height (CFH). This is the height from which it is assessed that a surface will absorb the impact of a child's fall sufficiently to reduce the risk of serious head injury.

The maximum FFH (i.e. the distance between any accessible part of play equipment intended for play and the surface underneath) should equal or not exceed the surface's CFH. We would be happy to advise of the FFH of any existing or planned play equipment, however the general principles are detailed below.

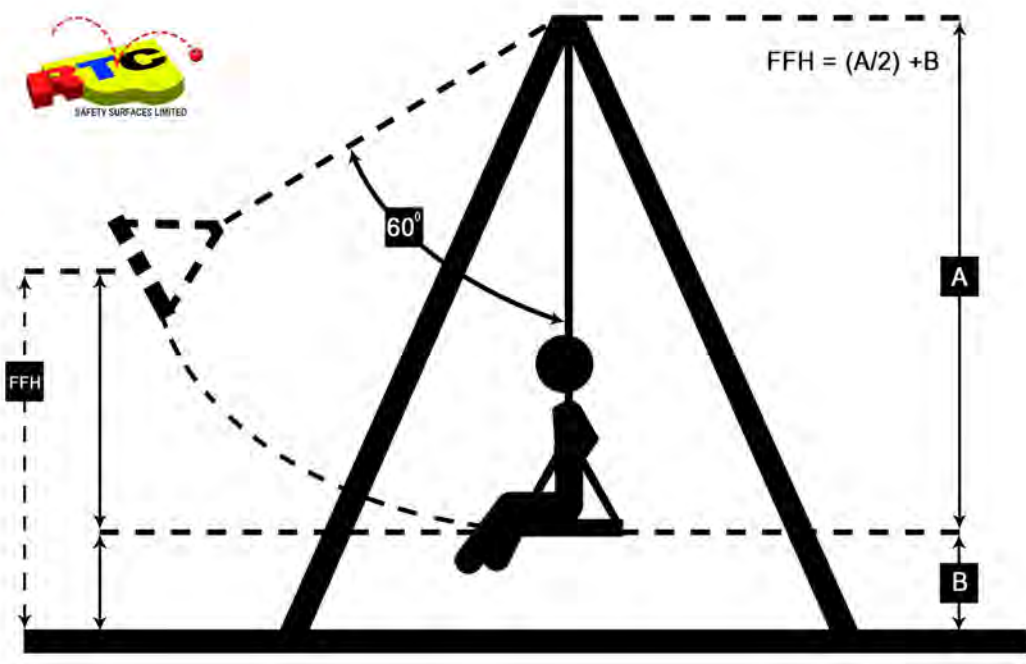
## Stationary Equipment

For equipment on which a child stands, the FFH is calculated from the highest point on the equipment which is intended for play - usually the platform height. For equipment from which a child hangs, the height of the hand support is used.



## Swings

The FFH is calculated from the centre of the stationary seat surface at 60 degrees. To work this out divide the length of the chain by 2 then add the distance from the seat to the ground. The image below demonstrates this.



RTC Safety Surfaces have been tested according to British and European Safety Standards to the certified levels below.

Critical Fall Height (CFH)	0.6m	0.9m	1.2m	1.5m	1.8m
Thickness	20mm	30mm	40mm	50mm	60mm

Critical Fall Height (CFH)	2.0m	2.2m	2.4m	2.7m	3.5m
Thickness	70mm	80mm	90mm	100mm	130mm

Please note that if the sub-base is Type 1 MOT stone the minimum depth which can be laid is 40mm.

## Area of Surfacing

The extent of surfacing required around the play equipment is dictated by the height of any potential fall.

## Stationary Equipment

For stationary equipment with a FFH of 1.5m or less, surfacing should extend at least 1.5m beyond the edge of the equipment. To calculate the surfacing distance for equipment with a FFH of over 1.5m, subtract 1.5m from the FFH and multiply the result by 0.667 before adding back the 1.5m. The table below demonstrates this principle.

Height of Fall (m)	Surface Distance (m)
1.5	1.50
1.6	1.56
1.7	1.63
1.8	1.70
1.9	1.76
2.0	1.83
2.1	1.90
2.2	1.96
2.3	2.03
2.4	2.10
2.5	2.16
2.6	2.23
2.7	2.30
2.8	2.37
2.9	2.43
3.0	2.50

## Swings

The area of surfacing required for a swing is calculated as follows; to calculate the length of surfacing required to the front and back of the swing, multiply the length of the chain by 0.867 then add 1.15m. The width of surfacing required for seats no greater than 500mm width is 1.75m (i.e. 0.875m each way from the seat centre)

For swings with seats wider than 500mm the difference between the seat width and 500mm must be added to the 1.75m (50% to each side of the swing centre). Please note that areas for two seats in one bay may overlap providing the distance between seats is 20% of the swing chain +300mm.

Should you require any advice with regards to the depth or area size of surfacing required, please do not hesitate to contact us.

# Sub-Base Specification

RTC Safety Surfaces can be laid onto a variety of sub-bases. The most common of these being; Type 1 MOT stone, Tarmac or Concrete. RTC can lay the surface onto other sub-bases, please contact us to discuss suitability.

The sub-base can determine the depth of safety surface laid, for example the minimum depth of surface which can be laid onto a type 1 MOT stone sub-base is 40mm. We will be happy to advise you on any aspects of sub-base or edging detail required. Below are specifications for the most common forms of sub-base.

RTC can prepare a sub-base for you if you require, please contact our office for pricing.

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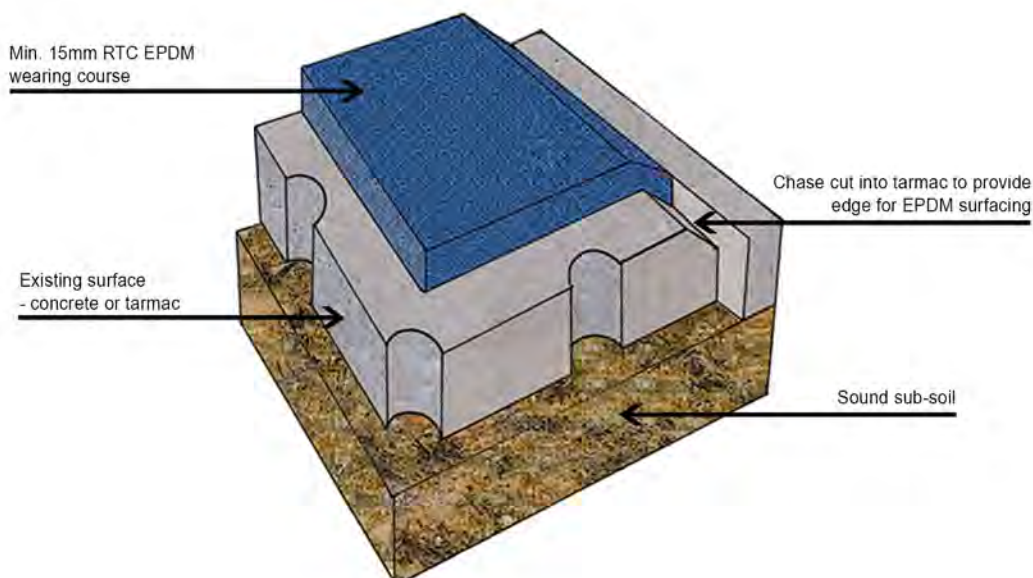


## 1. Existing sub-bases – Tarmac or concrete

RTC Safety Surfaces can be installed onto most existing surfaces which are in reasonable condition – this can prove to be a cost effective method, eliminating the need for groundwork preparation.

The sub-base should be solid, in good condition and free of any weeds or moss. It is important to ensure that there is sufficient drainage. There may be a requirement to drill holes into the surface in a grid pattern to provide appropriate drainage, particularly if there is no existing drains. Please discuss this further with us if you are in doubt.

The minimum depth which can be laid onto a good quality existing sub-base is 15mm.

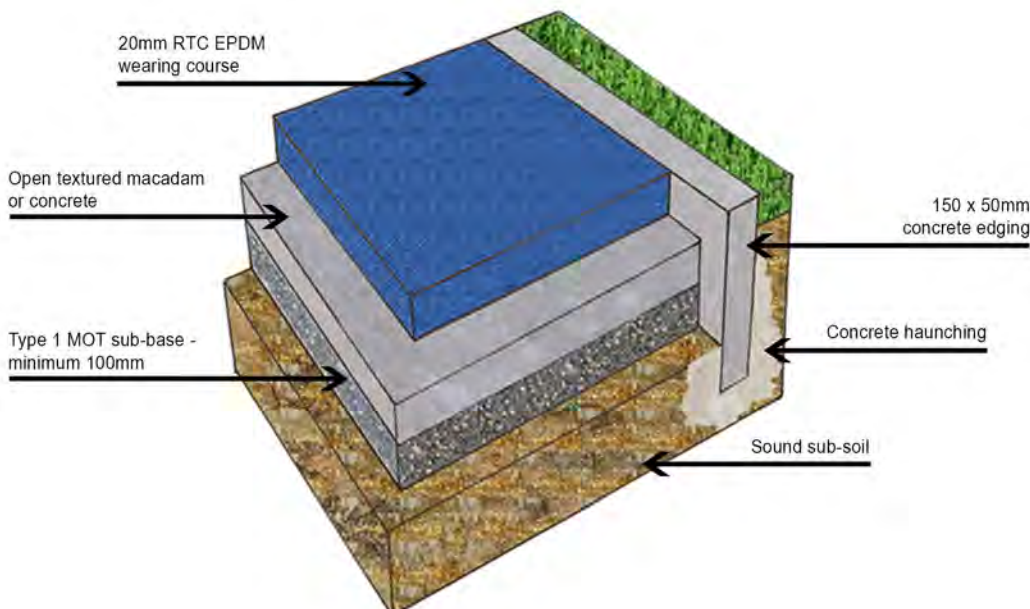


## 2. New Base Preparation for an RTC Safety Surface depth of less than 40mm

For surfaces less than 40mm it is necessary to lay a 50mm open textured macadam surface for the rubber to be laid onto. This should be laid onto a type 1 MOT stone sub-base. A concrete kerb edging 150 x 50mm should be installed around the perimeter of the area and set to the appropriate height above the macadam to allow the rubber to finish flush with the edge. The macadam sub-base should have deviations no greater than 7mm under a 3m straight edge.

It may be more cost effective to lay a surface which is 40mm in depth or greater as this will remove the requirement for the macadam layer as the surface can be laid directly onto a compacted type 1 MOT stone base.

It is important to ensure that the sub-base is solid and free draining to ensure maximum longevity of the surface.

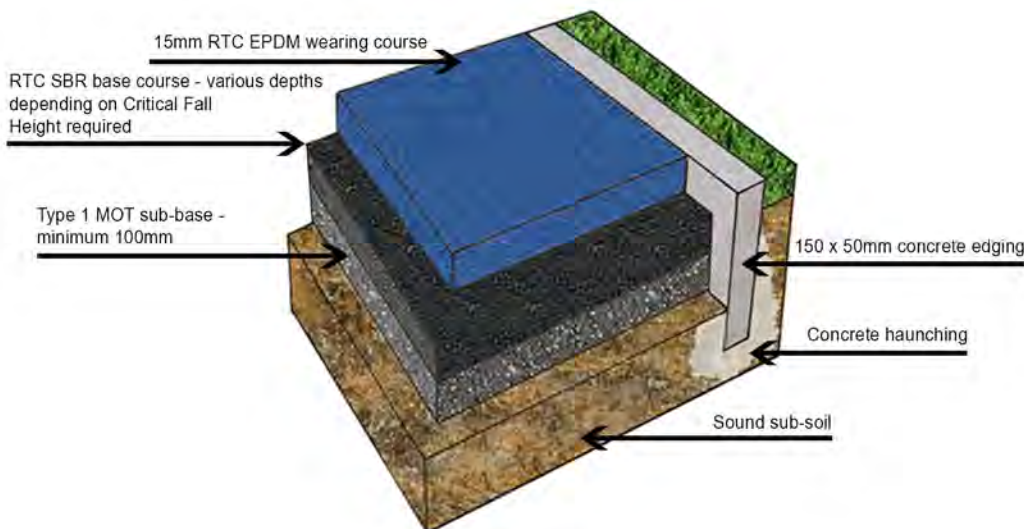


### 3. New Base Preparation for an RTC Safety Surface Depth of Greater than 40mm

For surfaces greater than 40mm it is possible to lay directly onto a type 1 MOT stone sub-base. The existing ground should be excavated to accommodate a base of between 100mm and 300mm depending on site conditions, plus the depth of the safety surface required.

A concrete kerb edging of 150 x 50mm should be installed around the perimeter of the specified area which is then filled with the MOT stone layer and compacted. This will then leave the correct depth below the top of the kerb to accommodate the required thickness of RTC Safety Surface.

The MOT stone layer should be compacted to a tolerance giving local deviations no greater than 7mm under a 3m straight edge in any direction.



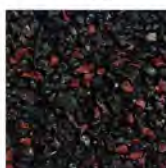
It is possible to substitute the concrete edging for a tannelised, pressure treated timber edge, however this may reduce the longevity of the surface – please contact us to discuss this option further.

Should you have any queries regarding base preparation please do not hesitate to contact our office where we will be happy to advise you or provide you with a costing for preparing the sub-base.

## Colour Range



Black



Black Red Fleck



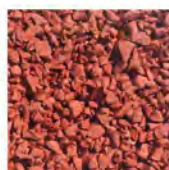
Black Green Fleck



Green Black Fleck



Red Black Fleck



Terracotta Red



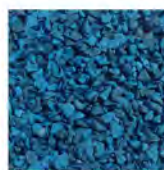
May Green



Sky Blue



Dark Blue



Blue Mix



Egg Shell



Beige



Earth Yellow



Brown



Grey



Light Grey



Rainbow Green



Green Mix



Bright Yellow



Orange



Purple



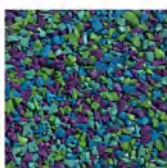
Classic Blend



Earth Blend



Fire Blend



Water Blend



Granite Blend

*Other colours are available upon request.*

*Please note that the sample pictures are for reference only and that colours laid may vary due to batch variation, supplier variation and environmental factors.*

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# Maintenance and Repairs

## Maintenance

With any synthetic surface, it is vital that your surface is maintained. Your maintenance program will depend on the usage of the surface. Heavily used play areas, will require more maintenance than a less frequently used play area.

We recommend that you visually inspect the surface on a daily basis for any foreign objects and remove them. As the finish level of surfacing is generally the same level, foreign objects should be noticeable. The surface can be swept to remove any leaves or debris. If your play area is large, then you can use a blower to remove any debris.

Should the surface become dirty we recommend a power washer be used on a low pressure setting to remove surface dirt. This should be undertaken at least every 6 months. It is very important that a high pressure setting is **not** used, as this can damage the surface. Do not use any strong chemicals / bleach or detergents on the surface, as this can also cause damage.

During the winter time, should ice form on the surface and the area become slippery, rock salt / grit should **not** be used, as this can damage the surface and reduce the porosity of the surface. We recommend a chemical de-icer, such as Magic Ice Melt, which is non-toxic to humans, animals and vegetation.

## Repairs

There may be times, due to vandalism, accidental damage or fire damage, that the surface requires repairing. RTC Safety Surfaces can provide a rapid repair service using the same materials to repair any damaged area. We recommend that repairs are carried out in an alternative colour to make a 'feature' of the repair which will add to the aesthetics of the surface rather than simply repairing in the same colour. Please contact us if you have a surface which requires repairing.

For small areas (less than 1m<sup>2</sup>) RTC can supply repair kits which will allow repairs to be carried out without the need for sending a specialist team. The repair kits come with all of the necessary materials and instruction on how to use them.

## Queries

Should you have any queries regarding your RTC Safety Surface please do not hesitate to contact us. We will be happy to advise you over the phone or should you wish, RTC Safety Surfaces can carry out any maintenance or repairs required.

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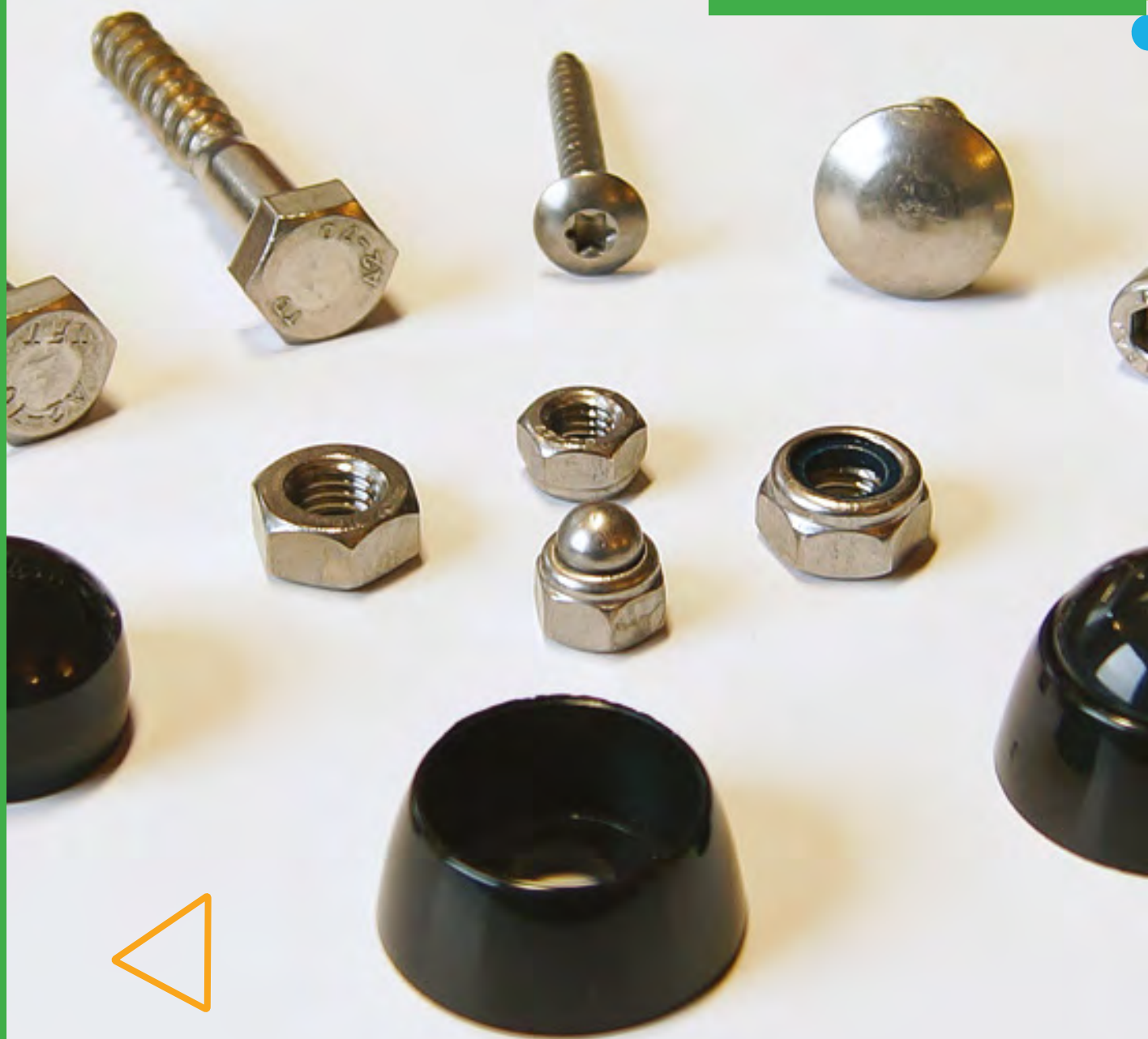
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# Appendix III

Technical Specifications



Designer of play and sports areas

**Collins Drive  
Children's Play Area**



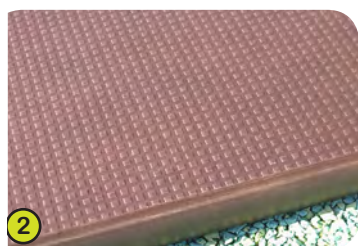
# Diabolo

## Technical specification

J3861-C



1- **The coloured panels** are made with a compact material 13mm thick. It is made up of 70% of softwood fibres and 30% of thermosetting resin, and it stands up to weathering very well (sun, rain, damp, etc.). The coloured surfaces are treated with products based on coloured acrylic polyurethane resins; this enables them to stand up well to UV radiation and resist damage.



2- **The platforms and the climbing walls** are made from a 12.5mm thick, textured, non-slip compact material (HPL).



3- **The 95mm square posts and the 125mm diameter posts** are made of painted steel, ensuring robustness and durability.

4- **The roof** is made of polyethylene plates 10mm thick.



5- **The tubes** are made of stainless steel, diameter 40mm, thickness 2mm, ensuring robustness and durability.

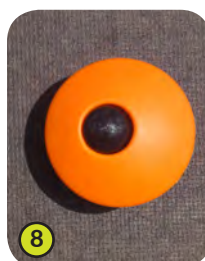
6- **The ropes** are made of galvanised steel cable covered with polyester. **The cables** are held in place and linked by injected polyamide spheres.



7- **The slide slope** is made of 304 stainless steel 2mm thick, shaped, bent and rolled in one piece.

8- **The climbing holds** are made of polypropylene. They are non-toxic, non-flammable and shock and UV resistant.

9- **The stainless steel fixings** are protected by polyamide anti-vandalism caps.





# Swings

(technical specification)

J435A



1- **The 95 x 95mm posts** are made of painted galvanised steel, ensuring robustness and durability.



2- **The horizontal beam** is made of non-painted galvanised steel.



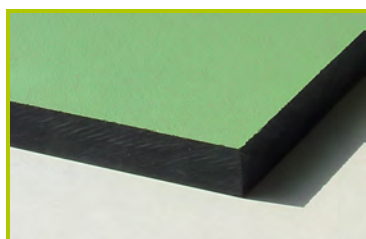
3- **The pod** is made from a single piece of 30%-recycled rotomoulded polyethylene. It is fixed to a stainless steel frame that is fitted with buffers. The pod is suspended from galvanised steel ropes covered by PVC.



4- **PVC sliding rings** are fitted to limit the wear of the metal parts over time. The rings are accessed by a vandal proof, stainless steel shackle. The swing chains are made of galvanised steel.



5- **The double jointed swing mechanism** is made of stainless steel. A safety chain provides additional support for the pod.



6- **The coloured panels** are made from a 13mm thick compact material (HPL). Robust in construction, it has excellent weather and vandal resistance properties.



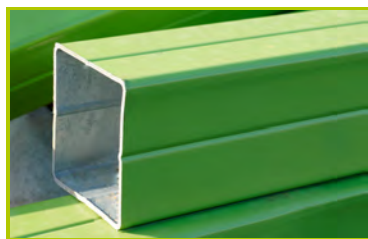
7- **The fixings** are made of stainless or plated steel and protected by anti-vandalism polyamide caps.



# Swings

(technical specification)

J433



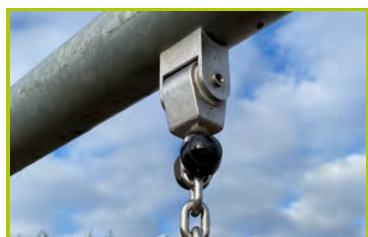
1- **The 95 x 95mm posts** are made of painted galvanised steel, ensuring robustness and durability.



2- **The horizontal beam** is made of non-painted galvanised steel.



3- **The coloured panels** are made from a 13mm thick compact material (HPL). Robust in construction, it has excellent weather and vandal resistance properties.



4- **The swing bearings** are made of stainless steel.



5- **The swing seats** are made of shock absorbing moulded honeycomb rubber. The swing chains are made of stainless steel. The seat fixing brackets are made of 10mm stainless steel wire. PVC sliding rings are fitted to limit the wear of the metal parts over time. The rings are accessed by a vandal proof, stainless steel shackle.



6- **The pod swing seat for early childhood** is made of polyurethane, which ensures a comfortable seating. The swing chains are made of stainless steel.



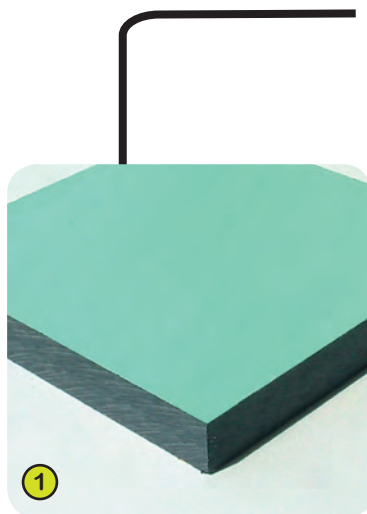
7- **The fixings** are made of stainless or plated steel and protected by anti-vandalism polyamide caps.



# Rotating equipment

## Technical specification

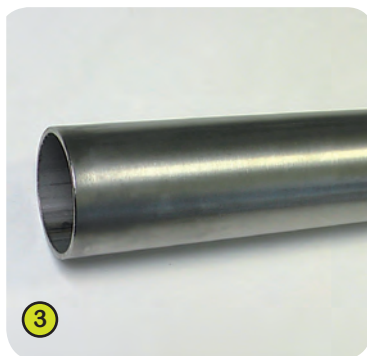
### J2404



- 1- **The coloured panels** are made with a compact material 13mm thick. It is made up of 70% of softwood fibres and 30% of thermosetting resin, and it stands up to weathering very well (sun, rain, damp, etc.). The coloured surfaces are treated with products based on coloured acrylic polyurethane resins; this enables them to stand up well to UV radiation and resist damage.



- 2- **The platforms** are made from a 12.5mm thick, textured, non-slip compact material (HPL).



- 3- **The tubes** are made of stainless steel, diameter 40mm, guaranteeing lasting durability and reliability of the equipment.



- 4- **The stainless steel fixings** are protected by polyamide anti-vandalism caps.

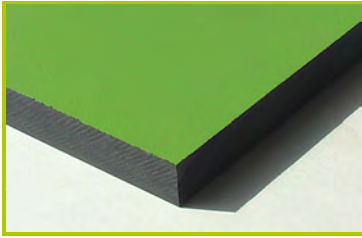


# Springers

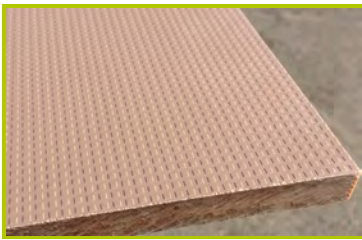
(technical specification)

J985

Has timber beam - all metal alternative also available. [See: https://www.proludic.co.uk/product/j853/](https://www.proludic.co.uk/product/j853/)



- 1- **The coloured panels** are made from a 13mm thick compact material (HPL). Robust in construction, it has excellent weather and vandal resistance properties.



- 2- **The seats** are made from a 12.5mm thick textured and non-slip compact material (HPL).



- 3- **The board** is made of solid wood with autoclave treatment, 95x36mm.



- 4- **The springs** are made from Grade 35SCD6 steel, shot blasted, stress relieved, zinc coated and finished with two coats of epoxy polyester powder. The polyamide attachment ensures longevity and an exceptional safety for the system.



- 5- **The handles and footrests** are made of very strong polyamide plastic.



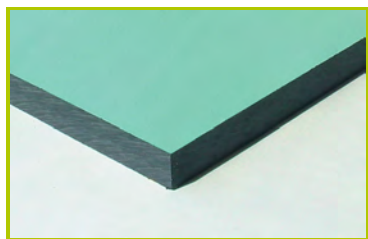
- 6- **The fixings** are made of stainless or plated steel and protected by anti-vandalism polyamide caps.



# Springers

(technical specification)

J856



1- **The coloured panels** are made from a 13mm thick compact material (HPL). Robust in construction, it has excellent weather and vandal resistance properties.



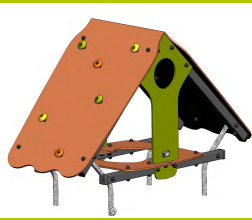
2- **The spring** is made from Grade 35SCD6 steel, shot blasted, stress relieved, zinc coated and finished with two coats of epoxy polyester powder. The polyamide attachment ensures longevity and an exceptional safety for the system.



3- **The handle and the footrests** are made of PVC.



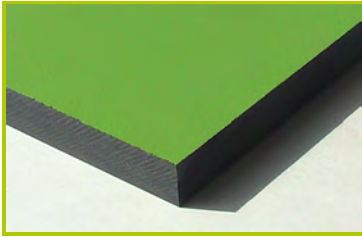
4- **The fixings** are made of stainless or plated steel and protected by anti-vandalism polyamide caps.



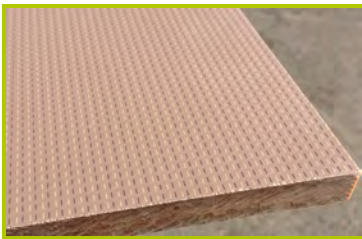
# Playhouses

(technical specification)

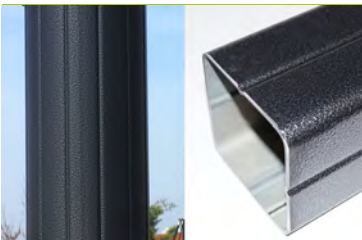
Z22-0200



- 1- **The coloured panels** are made from a 13mm thick compact material (HPL). Robust in construction, it has excellent weather and vandal resistance properties.



- 2- **The roof and seats** is made from a 12.5mm thick textured and non-slip compact material (HPL).



- 3- The 95x95mm and 125mm diameter posts are made of painted galvanised steel. The grained finish has a slightly undulating surface for increased scratch resistance.



- 4- **The tubes** are made of diameter 40mm galvanised steel (thickness 2mm), ensuring robustness and durability of the equipment.



- 5- **The climbing holds** are made of polypropylene. They are non-toxic, inflammable and shock and UV resistant.



- 6- **The fixings** are made of stainless or plated steel and protected by anti-vandalism polyamide caps.



Designer of play and sports areas

**Collins Drive  
Children's Play Area**

# Warranties & Aftersales

At Proludic, we understand the importance of keeping your park in play and we work to high targets to maintain a high level of service and standards.

Our after-sales department is open Monday to Friday 8:30 – 5pm, and can be reached by telephone, email and online. They are able to react quickly to all enquiries.

We have a team of Contracts and Aftersales Coordinators. Your dedicated Aftersales Coordinator will be Michelle Jones. Michelle can be contacted on 0115 982 3980 or by email: [aftersales@proludic.co.uk](mailto:aftersales@proludic.co.uk).



## Your maintenance dashboard

We will provide your maintenance team with a unique login to the client area of our website; where you are able to report maintenance issues using the 'new' aftersales service that allows instant image uploads directly from site, along with a short description, enabling our team to identify replacement parts required.



# Warranties & Aftersales

## Proludic maintenance manager

We have an in-house Maintenance Manager – Ben Jones. Ben oversees and leads on all maintenance issues for Proludic. Ben has extensive knowledge of all things Proludic having spent six years as an Area Manager.

If a site has a complex maintenance issue that cannot be resolved digitally, Ben will either attend site or arrange a visit by a qualified representative to assist you and your maintenance team.

Ben Jones - Maintenance Manager



We hold an extensive stock of common spare parts within the UK, that can be distributed within 5 working days, ensuring your play area is not out of use for long periods of time. We send spare parts to customers using royal mail special delivery (signed for) postal services. This enables parts to be quickly and efficiently delivered to your maintenance team.

## Proludic maintenance



*For parts not stocked in the UK, our manufacturing facility in France will distribute parts directly using UPS. This generally takes up to 8-10 working days. A text notification is sent with a 24-hour notification of delivery. For very large parts, a logistics company will be used.*

# Warranties & Aftersales

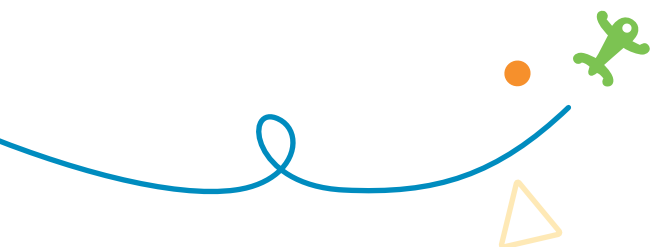
Playground and sports area operators must carry out effective inspection and maintenance in accordance with best practices to keep their playgrounds, outdoor gyms, and sports areas safe for public use and increase their service life.

With appropriate inspection, maintenance, and community buy-in, your Proludic facility should continue to provide play and sports opportunities for many generations to come. Proludic has been installing play and sports spaces for over 21 years in the UK (over 35 years globally) with many of our first playground and sports facilities still in regular use today.

## Safety and best practice

Since the publication of the European safety standards in 1998 and their subsequent revisions in 2008 and 2017, the obligations of the owner/operator and the equipment supplier have been clearly defined in the standards EN 1176 and EN 1177.

To ensure your Proludic playground is being managed to the highest standard, below is an example inspection and maintenance schedule to comply with RPII best inspection practice and Proludic's maintenance guidance.



### *Routine visual*

(Daily / Weekly)\*

### *Operational inspections*

(Monthly / Quarterly)\*

### *Annual inspection*

(Yearly)

## *Ongoing maintenance*

\*Dependent on owners risk assessment

# Warranties & Aftersales

## Routine visual checks

Depending on the frequency of the use of the equipment, routine visual inspections should be conducted daily or weekly.

With our inspection partners, we have created a simple routine inspection checklist which can be found in the supporting information of this document. This can be used for future reference when undertaking inspections.

## Operational inspections

An operational inspection provides a more detailed inspection and will check the operation and stability of the equipment, especially for vandalism and wear. The inspection should be completed by an RPII approved Operational Inspector. These inspections should be conducted monthly to quarterly depending on the risk assessment for the area.

## Annual inspections

An annual inspection should be carried out by an independent specialist not connected with the playground operator or owner. The inspection should also be completed by an RPII approved annual inspector looking at vandalism, wear and tear, long term structural problems, standards compliance and design, along with completing a risk assessment on each playground item.

## Ongoing maintenance

To provide our clients with superior support for their servicing needs, we have produced a Maintenance Guide. This document specifies the type of inspection, the maintenance procedures, and the servicing intervals for each type of equipment installed.

This is a practical working document that draws on 35 years of experience. It is made available to our clients and more specifically those responsible for maintenance work on our equipment. For each product group, we have compiled a list of the type and frequency of ongoing maintenance works required.



"A well-inspected and maintained play space reduces an owner's exposure to litigation and ensures the play area's risk remains as low as reasonably practical.

To help you find the right maintenance service for your playground, Proludic offers full support with a suite of inspection and maintenance packages. This ensures your play spaces are safe and available for use by your community for years to come."



# Warranties & Aftersales

## Total life cost

To ensure that play areas are kept both operational and durable it is key to implement a systematic servicing and maintenance strategy. The life expectancy of a play area is driven by how often it is inspected and how well it is maintained.

Below is an indicative guide for maintenance costs over a 15-year period on a well-maintained play area.

## 15 year cost breakdown\*

1-2 years (Covered by warranty - Free)

3-5 years 0.25% of the overall quote total

6-10 years 0.50% of the overall quote total

11-15 years 1% of the overall quote total

*“We always work with our clients to find the most cost effective route for replacing damaged and or worn parts”*

## Benefit of wear parts

All of our fixings within our designs are common parts used throughout our ranges and are available from stock.

Almost every element of Proludic equipment can be broken down into small parts for replacement and has purposely been designed this way.

We utilise parts that can easily be replaced. If there is wear or a breakage on part of an item, we can order the small part rather than a whole part of a unit. From a maintenance aspect this provides huge time and cost savings for our clients.





## Marmax Heavy Duty Picnic Bench – UKMMXPBENCH



### Description:

Our Recycled Plastic Heavy duty Picnic Bench is suitable for any type of environment, and for adults and children aged 7 years and over. The Heavy Duty Picnic Bench can sit up to 6 people at any one time. Made from 100% recycled plastic, the product is maintenance free, does not rot, corrode or splinter, and comes with a 25 year construction guarantee. There is no staining or varnishing required, and the product can be left outdoors all year round. Our Heavy duty Picnic Bench is available in our full colour range. Our Heavy Duty Picnic Bench has a Junior and Teeny Tot size for kids.

- Suitable for adults and children aged 7 years and over.
- products are supplied with galvanised screws as standard.
- Ideal for any environment.
- Made from 100% recycled plastic
- Maintenance free
- Does not rot, corrode or splinter
- Leave outdoors 365 days a year
- 25 year construction guarantee
- Saves 2,731 2pt milk containers from landfill and our oceans

## Marmax Traditional Seat – UKMMXSEAT5



### Description:

Perfect for any type of environment, and suitable for adults and children aged 7 years and over, our Recycled Plastic Traditional Seat can sit up to 3 people at any one time. Made from 100% recycled plastic, the product is maintenance free, does not rot, corrode or splinter and comes with a 25 year construction guarantee. There is no staining or varnishing required, and the product can be left outdoors all year round.

- Traditional Seat is perfect for any type of environment
- Suitable for adults and children aged 7 years and over
- Recycled plastic Seat
- Sits 3 people at any one time
- Maintenance free
- Does not rot, corrode or splinter
- Supplied with galvanised screws as standard
- Leave outdoors for 365 day of the year
- No staining or varnishing required
- Wash down using a jet wash or wipe down with a cloth
- 25 year construction guarantee

## Marmax Waste Bin – UKMMXBIN



### Description:

The Recycled Plastic Waste Bin makes recycling easy for your visitors and customers. Made from 100% recycled plastic that will not rot, corrode, or splinter. It is also completely weatherproof, and the colour will not fade in the sun meaning that the appearance will be retained year after year, our products come with a 25-year construction guarantee.

- The Recycled Plastic Waste Bin makes recycling easy for your visitors and customers
- This product is made from 100% HDPE recycled plastic and is maintenance free
- The material will not rot, corrode or splinter
- It is also completely weatherproof, and the colour will not fade in the sun meaning that the appearance will be retained year after year
- Our products come with a 25-year construction guarantee.



# Guarantees

**Proludic is committed to the quality and durability of its products.**

**In addition to using carefully selected materials and applying the highest manufacturing standards, Proludic provides extensive guarantees.**

**Lifetime guarantee** against structural failure on our sports and play equipment due to material or manufacturing defects on:

- Posts and supporting structures (painted galvanised steel, galvanised steel, stainless steel)
- Stainless steel tubes
- Panels (coloured compact / non-slip compact / high density polyethylene)

**25 years** against structural failure on our sports and play equipment due to material or manufacturing defects on lacquered plywood panels and non-slip plywood panels.

**15 years** against structural failure on our sports and play equipment due to material or manufacturing defects on the solid wood planks and timber frame posts.

**10 years** against structural failure on our sports and play equipment due to material or manufacturing defects on:

- Metal components (with the exception of springs, moving or mechanical parts and fixings)
- Planks and treated timber frame posts
- Metal crimps and rope assemblies

**5 years** against structural failure on our sports and play equipment due to material or manufacturing defects on:

- Springs and mechanical systems
- Moulded or rotary moulded plastic parts (with the exception of moving parts)

**2 years** against material or manufacturing defects on component parts.

These guarantees include the provision of spare parts or free repair but does not include installation on-site.

The colours reproduced in this brochure may not be true to life, Proludic reserves the right to change specifications and make product improvements to any of our products at any time without notice. Information in this brochure was correct at the time of printing. While every effort has been made to ensure the accuracy of information, Proludic cannot accept any responsibility for any errors or omissions and this brochure does not form part of any contract.

Photo credit: Proludic & Fotosearch





## A Practical and Proactive Approach to Safety

Every piece of Proludic play equipment has been manufactured to conform to the current European standards.

Proludic equipment has been inspected and certificated by an independent laboratory (TUV) to conform to the European standards EN 1176.

Proludic Sport abides by the European legislation in place and makes the DIN, NF, and EN standards an integral part of part of both its design and testing stages. Our design teams are involved in the development of these safety standards in order to ensure the safety of our users while offering them exciting opportunities.

The main certifications provided are issued by the German TUV safety and testing organisation.



# CERTIFICATE OF MEMBERSHIP

This is to certify that

Proludic Ltd

---

Has been accepted as a member of the Association  
of Play Industries

P0112

---

Member Number

2023

---

Valid For

*Deborah Holt*

---

Deborah Holt, Membership Manager



ADVANCED

CERTIFICATE

OF

ACCREDITATION

This is to certify that

**Proludic Ltd**

**Membership No.: CHAS-134536**  
**Principal Contractor**

has been awarded certification after demonstrating compliance with the CHAS standards in line with the requirements of SSIP Core Criteria and UK H&S Legislation. The company has demonstrated full compliance with nine modules of PAS 91.

**Ian McKinnon**  
**Managing Director**

MEMBERSHIP VALID UNTIL

25 SEPTEMBER 2024

CERTIFICATE VALID UNTIL\*

13 NOVEMBER 2024

\*Certificate is only valid when accompanied with an active membership



0345 521 9111

**CHAS.co.uk**



**Constructionline**  
**Gold Member**

# CERTIFICATE OF MEMBERSHIP

Proludic Ltd

Registration No: 53160

Date Issued: 08 January 2024

*This certifies that the member named above has met pre-qualification requirements appropriate to public and private sector procurement.*

A supplier's verification status is dynamic, this certificate proves the Supplier was verified to the named level on the day stated only. For the current status please check the Constructionline platform.





Constructionline  
Silver Member

# CERTIFICATE OF MEMBERSHIP

Proludic Ltd

Registration No: 53160

Date Issued: 01 November 2023

*This certifies that the member named above has met pre-qualification requirements appropriate to public and private sector procurement.*

A supplier's verification status is dynamic, this certificate proves the Supplier was verified to the named level on the day stated only. For the current status please check the Constructionline platform.



**BUREAU VERITAS**  
Certification



**PROLUDIC**

*This is a multi-site certificate, additional site details are listed in the appendix to this certificate*

**ZI L'ETANG VIGNON  
37210 VOUVRAY - FRANCE**

*Bureau Veritas Certification France certify that the Management System of the above organization has been audited and found to be in accordance with the requirements of the management system standard detailed below*

*Standard*

**ISO 9001:2015**

*Scope of certification*

**DESIGN, MANUFACTURING, MARKETING, SALE, INSTALLATION OF  
FREE-ACCESS AND OUTDOOR PLAY EQUIPMENT AND RELATED  
SPORTS EQUIPMENT.**

Certification cycle start date: **10 May 2022**

Subject to the continued satisfactory operation of the organization's Management System,  
this certificate expires on : **15 April 2025**

Certificate No. : **FR073116-2**

Date: **10 May 2022**

Contract No. : **10883764**

**Laurent CROGUENNEC - President**

Local office: Bureau Veritas Certification France  
Le Triangle de l'Arche - 9 Cours du Triangle - 92937 Paris La Défense

Further clarifications regarding the scope of this certificate the applicability of the management system requirements may be obtained by consulting the organization.  
To check this certificate validity, please call + 33(0) 1 41 97 00 60.



**BUREAU  
VERITAS**

**cofrac**  
  
**CERTIFICATION  
DE SYSTEMES  
DE MANAGEMENT**  
ACCREDITATION  
N°4-0002  
Liste des sites et  
portées disponibles  
sur [www.cofrac.fr](http://www.cofrac.fr)

**BUREAU VERITAS**  
Certification



## APPENDIX

## PROLUDIC

*Standard*

# ISO 9001:2015

*Scope of certification*

SITE	ADDRESS	SCOPE
PROLUDIC SITE CENTRALISATEUR	ZI L'ETANG VIGNON 37210, VOUVRAY, FRANCE	DESIGN, MANUFACTURING, MARKETING, SALE, INSTALLATION OF FREE-ACCESS AND OUTDOOR PLAY EQUIPMENT AND RELATED SPORTS EQUIPMENT.
PROLUDIC VOUVRAY FRANCE	ZAC L'ETANG VIGNON 181 RUE DES ENTREPRENEURS 37210, VOUVRAY, FRANCE	
PROLUDIC PTY- SYDNEY- NSW AUSTRALIE	16-18 TEPKO ROAD NSW 2084, TERREY HILLS, AUSTRALIA	MARKETING, SALE, INSTALLATION OF FREE-ACCESS AND OUTDOOR PLAY EQUIPMENT AND RELATED SPORTS EQUIPMENT
PROLUDIC LTD- NOTTINGHAM (CENTRE DE ANGLETERRE) ROYAUME UNI	THE PLAY HUB, BRADMORE BUSINESS PARK, LOUGHBOROUGH ROAD NOTTINGHAM , NG11 6QA NOTTINGHAM, UNITED KINGDOM	
PROLUDIC SRL- CASTELNUOVO SCRIVIA ITALIE	VIA SOLFERINO 2 15053, CASTELNUOVO SCRIVIA (AL), ITALY	
PROLUDIC BV- MILL PAYS BAS	LANGENBOOMSEWEG 58A 5451 JM MILL, NETHERLANDS	
PROLUDIC GMBH- GINGEN (REGION DE STUTTGART) ALLEMAGNE	BRUNNENSTRAÙE 57 73333, GINGEN AN DER FILS, GERMANY	

Certificate No. : **FR073116-2**

Date: **10 May 2022**

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*Standard*

**ISO 14001:2015**

*Scope of certification*

**DESIGN, MANUFACTURING, MARKETING, SALE, INSTALLATION OF  
FREE-ACCESS AND OUTDOOR PLAY EQUIPMENT AND RELATED  
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PROLUDIC BV- MILL PAYS BAS	LANGENBOOMSEWEG 58A 5451 JM MILL, NETHERLANDS	
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**BUREAU  
VERITAS**



**CERTIFICATION  
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DE MANAGEMENT**

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sur [www.cofrac.fr](http://www.cofrac.fr)

# SSIP Deem-to-Satisfy

## Smas Worksafe accreditation

### Proludic Ltd

Has been checked and verified against the SSIP Core Criteria and UK Health & Safety legislation by

and through SSIP Deem-to-Satisfy the company has been awarded Smas Worksafe accreditation.

### Contractor

**Assessment approval date:** 07/11/2023

**Certificate expiry date:** 13/11/2024

**Certificate number:** 147544

### Signed on behalf of:

Smas Worksafe



A registered member scheme of  
Safety Schemes In Procurement (SSIP)

To check full validation of this certificate, please contact Smas Worksafe directly by phone **01752 697370** or email **info@smasltd.com**.



# SSIP Deem-to-Satisfy

## Smas Worksafe accreditation

Proludic Ltd

Has been checked and verified against the SSIP Core Criteria and UK Health & Safety legislation by

and through SSIP Deem-to-Satisfy the company has been awarded Smas Worksafe accreditation.

## Principal Contractor

**Assessment approval date:** 07/11/2023

**Certificate expiry date:** 13/11/2024

**Certificate number:** 147544

**Signed on behalf of:**

Smas Worksafe



A registered member scheme of  
Safety Schemes In Procurement (SSIP)

To check full validation of this certificate, please contact Smas Worksafe directly by phone **01752 697370** or email **info@smasltd.com**.





# Social Value

# CERTIFICATE OF COMPLETION

Proludic Ltd

Registration No: 53160

Date Issued: 06 July 2022

*This certifies that the member named above has met  
the requirements of the Social Value question set*

A supplier's status is dynamic. This proves the supplier has completed the Social Value question set on the day stated only. For further details, please check the platform.





This is to certify that  
**Fahr Industries Ltd**

Guarantees High Density Polyethylene Sheets (HDPE) for 10 years specifically against cracking, splitting and delamination caused by defects in the sheet manufacture.

This guarantee does not include defects caused by any form of mis-use or vandalism and excludes fair wear and tear. This guarantee does not include failures in the HDPE caused by a customer's own submitted design or parts machined by the customer themselves, that have not been authorised by Fahr industries before hand.

The company will replace the defective part/s on an Ex-Works, supply only basis at it's discretion and will not be liable for any costs incurred by the customer as a result of replacing the defective part/s or their installation.

The replacement part/s will be supplied on and exchange basis, once the defective part/s have been returned to Fahr Industries Ltd, proof of purchase must also be supplied.

This guarantee does not entitle the customer to a complete new product due to a defective component.

Subject to our Terms and Conditions

The Law of England shall be the proper law of the contract



Signed \_\_\_\_\_



**Russell Funnell**  
Managing Director

**EN 1177:2018**

**IMPACT ATTENUATING PLAYGROUND SURFACING – DETERMINATION OF CRITICAL FALL HEIGHT**

**EcoSMART ON GRASS**

CLIENT	PlaySmart UK
CLIENT ADDRESS	Unit 4 Birchy Cross Business Centre Broad Lane Tanworth-in-Arden B94 5DN
CLIENT CONTACT	Anthony J Johnston (Managing Director)

REPORT NUMBER	This certificate of conformity should be read in conjunction with Labosport Ltd report LSUK. 19-0671B	
REVISION NUMBER & DATE	1.0	23/08/2019
REPORTED BY		David Rigby Laboratory Manager
APPROVED BY		Professor David James Managing Director

FINDINGS	<p>The test specimen submitted met the requirements of EN 1177:2018 when tested under laboratory conditions on the 22/08/2019.</p> <p>The test specimen submitted was found to have a critical fall height value of:</p> <p><b>2.25m</b></p> <p>The product must be installed, used and maintained in accordance with the manufacturers requirements.</p>
----------	---

**RTC Safety Surfaces Ltd**

Woodland House  
Chestnut Business Park  
Smallshaw Lane  
Burnley  
Lancashire BB11 5SQ

TEL:- 01282 414131

FAX:- 01282 414133

Email: - admin@rtcsafety.co.uk

Web: - www.rtcsafety.co.uk

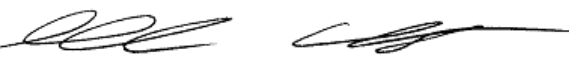
## Guarantee

The company guarantees the functional strength of all RTC manufactured surfaces for a period of 5 years against any defects resulting from faulty materials or workmanship.

The company will repair or replace any defective area free of charge, providing that:-

1. Evidence of date of purchase is provided
2. The surface has not been mistreated, vandalised or wilfully damaged during the guarantee period.

# 5 *year*

Signed: .....  


Helen Jones  
Managing Director

All conditions of the guarantee are without prejudice to your statutory or common law rights.

**TERMS AND CONDITIONS:**

(Definitions available upon request)

**Guarantee**

RTC will guarantee our PLAYSCAPE surfacing workmanship for 5 years when laid onto an appropriate sub-base and RTC specified edge detail as outlined in our technical data sheet in accordance with the terms of our warranty.

We do not guarantee the performance our surfacing when laid onto existing safety surfacing, slabs, flags or other hard areas not approved by us.

No warranty will be offered with regards to any issues arising from sub-base movement caused by any means

The use of Pre-cast concrete edgings is strongly advised such that RTC will not guarantee the adherence of our PLAYSCAPE surfacing to any other edgings i.e. timber edging, block paving edgings and cut and chase into tarmac, which the client may wish to have installed.

All colours are subject to ultra violet light degradation and as such total colour stability cannot be guaranteed.

Due to the black EPDM granulate containing a slight proportion of SBR, a process of recycling, there is slight variation in polymer content. Subsequently in certain environmental conditions the black pigment may be released from the SBR present in surface. No warranty is offered against this eventuality. In addition where a black and coloured blend is installed slight shading variations may become apparent. No guarantee of total consistency can be given due to reasons explained above.

Not only is *daily physical activity* a healthy goal for everyone in the family, it provides us with an opportunity to spend time together and offers an excellent model for young children as they see the adults in their family *having fun with fitness* right alongside them.'

Bright Horizons, 2021



PROLUDIC LTD  
The Play Hub  
Bradmore Business Park  
Loughborough Road  
Bunny, Nottinghamshire  
NG11 6QA  
Tel: 0115 982 3980  
Email: [info@proludic.co.uk](mailto:info@proludic.co.uk)  
[proludic.co.uk](http://proludic.co.uk)



Area Manager  
Tim Bird  
07976744249



Scan QR Code for Virtual Tour