

Trowbridge Town Council

Technical Specification

1. TECHNICAL SPECIFICATION

1.1 Surface Preparation

- Full mechanical clean of surface
- Power washing to remove contaminants, moss, dirt and loose particles
- Prepare for direct fitting of shockpad

1.2 Shockpad System

- Supply and install a **prefabricated or roll-out shockpad** meeting:
 - EN 15330-1 performance
 - Required shock absorption and deformation standards
- Installed to ensure consistent thickness and surface regularity

1.3 3G Artificial Turf System

A **40mm (approx.) 3G football carpet** must be provided, meeting:

- Monofilament or dual-fibre synthetic turf
- Tufted carpet designed for small-sided football
- Stabilising sand layer
- **Mandatory: Cork infill** as the performance infill
- All seams joined with approved jointing tape and adhesive
- All lines **inlaid**, not painted

Required Line Markings

- Small-sided football pitch markings
- 50mm line width
- Includes:
 - Pitch perimeter
 - Centre line

- Centre spot
- Penalty areas

1.4 Boot Cleaning Grid

- Heavy-duty foot-cleaning grid system
- Frame supported by posts set into concrete
- Suitable for regular high-usage environments

1.5 Double-Height Perimeter Boards (Rebound/Trek Boards)

Mandatory specification:

- **Double-height rebound boards** at perimeter fencing line
- Recycled plastic or composite material
- UV-stable, weather-resistant
- Must prevent cork infill migration
- Suitable for enhanced rebound performance
- Securely fixed to existing or new fencing line

1.6 Optional Items (Separate Cost Required)

- Supply and install **12ft x 6ft self-weighted football goals**
- Must comply with **BS EN 16579**

2. CONTRACTOR REQUIREMENTS

2.1 Accreditation – Mandatory

Contractors MUST be:

SAPCA Principal Contractor or SAPCA Accredited Contractor

This is **non-negotiable** and proof must be provided with the tender.

2.2 Experience

- Minimum 3 similar sports pitch resurfacing projects in last 5 years
- Proven experience installing shockpads, 3G systems and perimeter boards

2.3 Health & Safety

- CDM 2015 compliant

- RAMS required before start
- Construction Phase Plan required upon contract award

2.4 Insurance

- Minimum:
 - £5m Public Liability
 - £5m Employers Liability
 - £1m Professional Indemnity
-

3. PROJECT MANAGEMENT & QUALITY CONTROL

The Client's consultant (Labosport) will undertake:

- Tender analysis
- CDM Principal Designer duties
- Contract administration
- Key stage inspections during construction
- Final performance testing to **EN 15330-1**

Contractors must fully cooperate with inspections and documentation requirements.