



Where legislation does not explicitly restrict or limit the use of lead containing coatings it is the responsibility of the client to inform International Paint in writing of their specific requirements

Technical Specification

PROTECTOR DD 2020

PROTECTOR

BORDER FORCE

Other Ports, United Kingdom

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Main Schemes		
Area	Description	Area (m²)
Underwater Hull	An Intershield 300 abrasion resistant epoxy underwater scheme, using Intergard 263 as a tar free tie coat to the subsequent antifouling scheme. An Interspeed 6400 tin free antifouling scheme to be applied over tin free antifoulings, for an in service period of 36 months at 3,000 - 6,000 seamiles per month. Note:Please see advisor notes for advice on repair of >=20% of the total area.	500
Boottop	An Intershield 300 abrasion resistant epoxy underwater scheme, using Intergard 263 as a tar free tie coat to the subsequent antifouling scheme. An Interspeed 6400 tin free antifouling scheme to be applied over tin free antifoulings, for an in service period of 36 months at 3,000 - 6,000 seamiles per month. Note:Please see advisor notes for advice on repair of >=20% of the total area.	100
Topsides and External Bulwarks	An Intershield 300 abrasion resistant epoxy scheme directly overcoated with an polyurethane finish, Interthane 990.	420
Superstructure	An Intershield 300 abrasion resistant epoxy scheme directly overcoated with an polyurethane finish, Interthane 990.	420
Internal Bulwarks	An Intershield 300 abrasion resistant epoxy scheme directly overcoated with an polyurethane finish, Interthane 990.	120
External Decks	An Intershield 300 tar free high solids epoxy anticorrosive scheme with an Intershield 851 epoxy non skid finish coat.	470



Underwater Hull [500 m²]

An Intershield 300 abrasion resistant epoxy underwater scheme, using Intergard 263 as a tar free tie coat to the subsequent antifouling scheme.

An Interspeed 6400 tin free antifouling scheme to be applied over tin free antifoulings, for an in service period of 36 months at 3,000 - 6,000 seamiles per month. Note:Please see advisor notes for advice on repair of >=20% of the total area.

Surface Preparations

Fresh water wash to remove all dirt and contamination, as necessary. Degrease according to SSPC-SP1 solvent cleaning. Ensure area is clean and dry prior to application. Blast damaged/corroded areas to Sa2 ISO 8501-1 or SSPC SP6.

Feather or chip back surrounding area to a sound edge. Overlap onto existing sound coatings by 2-3 cms.

Product	Colour	Coats	% Loss	DFT	WFT	PSR	Hard Dry	Overco	ating 5°C	Thinner	Cleaner	Volume
			factor	(µm)	(µm)	(m²/lt)	5°C	Min	Max			(lt)
Intershield 300	Bronze	5% TU	30	125	208	3.36	8hrs	9hrs	14days	GTA220	GTA220, GTA822	7.4
Intershield 300	Aluminium	5% TU	30	125	208	3.36	8hrs	9hrs	14days	GTA220	GTA220, GTA822	7.4
Intergard 263	Light Grey	5% TU	30	75	132	5.32	24hrs	24hrs	8days	GTA220	GTA220, GTA822	4.7
Interspeed 6400	Red	FC	30	125	208	3.36		12hrs	6mths	GTA007	GTA007	148.8
				450	756							168.3



Boottop [100 m²]

An Intershield 300 abrasion resistant epoxy underwater scheme, using Intergard 263 as a tar free tie coat to the subsequent antifouling scheme.

An Interspeed 6400 tin free antifouling scheme to be applied over tin free antifoulings, for an in service period of 36 months at 3,000 - 6,000 seamiles per month. Note:Please see advisor notes for advice on repair of >=20% of the total area.

Surface Preparations

Fresh water wash to remove all dirt and contamination, as necessary. Degrease according to SSPC-SP1 solvent cleaning. Ensure area is clean and dry prior to application. Blast damaged/corroded areas to Sa2 ISO 8501-1 or SSPC SP6.

Feather or chip back surrounding area to a sound edge. Overlap onto existing sound coatings by 2-3 cms.

Product	Colour	Coats	% Loss	DFT	WFT	PSR	Hard Dry	Overco	ating 5°C	Thinner	Cleaner	Volume
			factor	(µm)	(µm)	(m²/lt)	5°C	Min	Max			(lt)
Intershield 300	Bronze	5% TU	30	125	208	3.36	8hrs	9hrs	14days	GTA220	GTA220, GTA822	1.5
Intershield 300	Aluminium	5% TU	30	125	208	3.36	8hrs	9hrs	14days	GTA220	GTA220, GTA822	1.5
Intergard 263	Light Grey	5% TU	30	75	132	5.32	24hrs	24hrs	8days	GTA220	GTA220, GTA822	0.9
Interspeed 6400	Black	FC	30	125	208	3.36		12hrs	6mths	GTA007	GTA007	29.8
				450	756							33.7



Topsides and External Bulwarks [420 m²]

An Intershield 300 abrasion resistant epoxy scheme directly overcoated with an polyurethane finish, Interthane 990.

Surface Preparations

Fresh water wash to remove all dirt and contamination, as necessary. Degrease according to SSPC-SP1 solvent cleaning. Ensure area is clean and dry prior to application. Blast damaged/corroded areas to Sa2 ISO 8501-1 or SSPC SP6.

Feather or chip back surrounding area to a sound edge. Overlap onto existing sound coatings by 2-3 cms.

Product	Colour	Coats	% Loss	DFT	WFT	PSR	Hard Dry	Overcoa	ting 5°C	Thinner	Cleaner	Volume
			factor	(µm)	(µm)	(m²/lt)	5°C	Min	Max			(lt)
Intershield 300	Bronze	5% TU	30	125	208	3.36	8hrs	9hrs	6mths	GTA220	GTA220, GTA822	6.3
Intershield 300	Bronze	5% TU	30	125	208	3.36	8hrs	9hrs	5days	GTA220	GTA220, GTA822	6.3
Interthane 990	Lt Wthr wrk Grey	5% TU	30	50	88	7.98	24hrs	24hrs	ext.	GTA056, GTA713, GTA733	GTA056, GTA713, GTA733	2.6
Interthane 990	Lt Wthr wrk Grey	FC	30	50	88	7.98	24hrs	24hrs	ext.	GTA056, GTA713, GTA733	GTA056, GTA713, GTA733	52.6
				350	592							67.8



Superstructure [420 m²]

An Intershield 300 abrasion resistant epoxy scheme directly overcoated with an polyurethane finish, Interthane 990.

Surface Preparations

Fresh water wash to remove all dirt and contamination, as necessary. Degrease according to SSPC-SP1 solvent cleaning. Ensure area is clean and dry prior to application. Blast damaged/corroded areas to Sa2 ISO 8501-1 or SSPC SP6.

Feather or chip back surrounding area to a sound edge. Overlap onto existing sound coatings by 2-3 cms.

Product	Colour	Coats	% Loss	DFT	WFT	PSR	Hard Dry	Overcoa	ating 5°C	Thinner	Cleaner	Volume
			factor	(µm)	(µm)	(m²/lt)	5°C	Min	Max			(lt)
Intershield 300	Bronze	5% TU	30	125	208	3.36	8hrs	9hrs	6mths	GTA220	GTA220, GTA822	6.3
Intershield 300	Bronze	5% TU	30	125	208	3.36	8hrs	9hrs	5days	GTA220	GTA220, GTA822	6.3
Interthane 990	Lt Wthr wrk Grey	5% TU	30	50	88	7.98	24hrs	24hrs	ext.	GTA056, GTA713, GTA733	GTA056, GTA713, GTA733	2.6
Interthane 990	Lt Wthr wrk Grey	FC	30	50	88	7.98	24hrs	24hrs	ext.	GTA056, GTA713, GTA733	GTA056, GTA713, GTA733	52.6
				350	592							67.8



Internal Bulwarks [120 m²]

An Intershield 300 abrasion resistant epoxy scheme directly overcoated with an polyurethane finish, Interthane 990.

Surface Preparations

Fresh water wash to remove all dirt and contamination, as necessary. Degrease according to SSPC-SP1 solvent cleaning. Ensure area is clean and dry prior to application. Blast damaged/corroded areas to Sa2 ISO 8501-1 or SSPC SP6.

Feather or chip back surrounding area to a sound edge. Overlap onto existing sound coatings by 2-3 cms.

Product	Colour	Coats	% Loss	DFT	WFT	PSR	Hard Dry	Overcoa	ting 5°C	Thinner	Cleaner	Volume
			factor	(µm)	(µm)	(m²/lt)	5°C	Min	Max			(lt)
Intershield 300	Bronze	5% TU	30	125	208	3.36	8hrs	9hrs	6mths	GTA220	GTA220, GTA822	1.8
Intershield 300	Bronze	5% TU	30	125	208	3.36	8hrs	9hrs	5days	GTA220	GTA220, GTA822	1.8
Interthane 990	Lt Wthr wrk Grey	5% TU	30	50	88	7.98	24hrs	24hrs	ext.	GTA056, GTA713, GTA733	GTA056, GTA713, GTA733	0.8
Interthane 990	Lt Wthr wrk Grey	FC	30	50	88	7.98	24hrs	24hrs	ext.	GTA056, GTA713, GTA733	GTA056, GTA713, GTA733	15.0
				350	592							19.4

Marine Coatings

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External Decks [470 m²]

An Intershield 300 tar free high solids epoxy anticorrosive scheme with an Intershield 851 epoxy non skid finish coat.

Surface Preparations

Fresh water wash to remove all dirt and contamination, as necessary. Degrease according to SSPC-SP1 solvent cleaning. Ensure area is clean and dry prior to application. Blast damaged/corroded areas to Sa2 ISO 8501-1 or SSPC SP6.

Feather or chip back surrounding area to a sound edge. Overlap onto existing sound coatings by 2-3 cms.

Product	Colour	Coats	% Loss	DFT	WFT	PSR	Hard Dry	Overco	ating 5°C	Thinner	Cleaner	Volume
			factor	(µm)	(µm)	(m²/lt)	5°C	Min	Max			(lt)
Intergard 5000	Aluminium	5% TU	30	150	183	3.83	36hrs	36hrs	28days	GTA220	GTA220	6.1
Intershield 851	Extra Dk Sea Grey	5% TU	30	300	390	1.80				GTA220	GTA220	13.1
Intershield 851	Extra Dk Sea Grey	FC	30	300	390	1.80				GTA220	GTA220	261.1
				750	963							280.3

Marine Coatings

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Interspec

Product List												
Product	Colour	Sales Code	Volume Solids (%)	Volume (lt)								
Intergard 263	Light Grey	FAJ034/FAA262	57	5.6								
Intergard 5000	Aluminium	KBA501/KBA505	82	6.1								
Intershield 300	Bronze	ENA300/ENA303	60	37.7								
Intershield 300	Aluminium	ENA301/ENA303	60	8.9								
Intershield 851	Extra Dk Sea Grey	ADA172/ADA174	77	274.2								
Interspeed 6400	Red	BQA644	60	148.8								
Interspeed 6400	Black	BQA649	60	29.8								
Interthane 990	Lt Wthr wrk Grey	PHZ684/PHA046	57	126.2								
Total				637.3								

Total volume (lt): 637.3





Application Notes

The dry film thickness of coatings specified can be achieved by Airless spray. Brushing, rolling and conventional spray application may require multiple coats to achieve the specified thickness.

Quantities and costs shown here are estimates and should only be taken as a guide. Paint consumption in practice will vary according to the actual film thickness applied and the loss factor incurred. These will be affected by wastage, surface profile and surface complexity.

Thinning of products is not recommended without prior consultation with International representatives.

NB: When using any type of paint in confined spaces, forced ventilation is required; for further information, please contact International representatives.



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