

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

CCGS Vakta

Canadian Coast Guard

Vancouver (BC), Canada

13-Jun-2018

CAKG1-39F8-X4PG/1

Keegan Gemmill

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Main Schemes	
Area	Description
Underwater Hull - Renew	An Intershield 300HS abrasion resistant epoxy underwater anticorrosive scheme using Intergard 263 as a tar free tie coat to the subsequent antifouling scheme. An Interspeed 640 high performance TBT free polishing scheme
Topside Hull (Waterline to the top of the rail) - Renew	An Intershield 300HS abrasion resistant epoxy scheme directly overcoated with a polyurethane finish, Interthane 990.
Bollards, Bits, Deck Accessories, Misc Equipment - Renew	An Intershield 300HS abrasion resistant epoxy scheme directly overcoated with a polyurethane finish, Interthane 990.
Main Deck - Renew	An Intershield 300HS abrasion resistant epoxy scheme directly overcoated with a polyurethane finish, Interthane 990.
External Superstructure - Repair	An Intershield 300HS abrasion resistant epoxy scheme directly overcoated with a polyurethane finish, Interthane 990.
Interior Areas - Repair	An Interprime 198 fast drying modified alkyd primer scheme suitable for above water areas, using Interlac 665 as a finish coat.

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Underwater Hull - Renew

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

An Interspeed 640 high performance TBT free polishing scheme

Surface Preparations

Close high pressure fresh water wash (3,000 psi/211 Kg cm²) using a fan jet lance holding the tip 150mm from and perpendicular to the surface overlapping each pass 30% removing all dirt, dust salt, partially hydrolised antifouling layer and other surface contamination.

Hard scrape/slice to remove all fouling and loose paint

Grit blast entire area using an aluminium oxide abrasive or copper free equivalent to achieve a surface profile of 50-75 microns. Ensure the area is clean and dry and apply initial coat within 6-8 hours.

Apply the first coat of the specified paint system before there is a risk of loss of surface preparation and cleanliness standards.

Remove all dust and surface contamination. Ensure all surfaces are clean, dry and free of contamination prior to the application of each coat of the specified paint system.

Consult your International Representative.

Product	Sales Code	Colour	Coats	DFT (µm)	Volume Solids (%)	WFT (µm)	TSR (m ² /lt)	% Loss factor	PSR (m ² /lt)	Thinner	VOC (g/lt)
Intershield 300HS	ENA380/ENA383	Bronze	FC	150	78	192	5.20	30	3.64	GTA220	206
Intershield 300HS	ENA381/ENA383	Aluminium	FC	150	78	192	5.20	30	3.64	GTA220	206
Intergard 263	FAJ034/FAA262	Light Grey	FC	75	57	132	7.60	30	5.32	GTA220	445
Interspeed 640	BRA642	Black	FC	75	62	121	8.27	30	5.79	GTA007	385
Interspeed 640	BRA640	Red	FC	75	62	121	8.27	30	5.79	GTA007	385
				525		758					

A sharp, angular surface profile of 50-75 microns is required

Colour as per owner

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Topside Hull (Waterline to the top of the rail) - Renew

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

Surface Preparations

Remove all weld splatter, smooth weld seams and sharp edges. Fresh water wash to remove all dirt and contamination. Degrease according to SSPC-SP1 solvent cleaning. Ensure area is clean and dry prior to application.

Grit blast entire area using an aluminium oxide abrasive or copper free equivalent to achieve a surface profile of 50-75 microns. Ensure the area is clean and dry and apply initial coat within 6-8 hours.

Apply the first coat of the specified paint system before there is a risk of loss of surface preparation and cleanliness standards.

Remove all dust and surface contamination. Ensure all surfaces are clean, dry and free of contamination prior to the application of each coat of the specified paint system.

Consult your International Representative.

Product	Sales Code	Colour	Coats	DFT (µm)	Volume Solids (%)	WFT (µm)	TSR (m²/lit)	% Loss factor	PSR (m²/lit)	Thinner	VOC (g/lit)
Intershield 300HS	ENA380/ENA383	Bronze	FC	125	78	160	6.24	30	4.37	GTA220	206
Intershield 300HS	ENA381/ENA383	Aluminium	FC	125	78	160	6.24	30	4.37	GTA220	206
Interthane 990	PHA162/PHA046	RAL3000 C.Guard Red	FC	75	57	132	7.60	30	5.32	GTA056, GTA713, GTA733	420
Interthane 990	PHA162/PHA046	RAL3000 C.Guard Red	FC	75	57	132	7.60	30	5.32	GTA056, GTA713, GTA733	420
				400		584					

A sharp, angular surface profile of 50-75 microns is required

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Bollards, Bits, Deck Accessories, Misc Equipment - Renew

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

Surface Preparations

Remove all weld splatter, smooth weld seams and sharp edges. Fresh water wash to remove all dirt and contamination. Degrease according to SSPC-SP1 solvent cleaning. Ensure area is clean and dry prior to application.

Grit blast entire area using an aluminium oxide abrasive or copper free equivalent to achieve a surface profile of 50-75 microns. Ensure the area is clean and dry and apply initial coat within 6-8 hours.

Apply the first coat of the specified paint system before there is a risk of loss of surface preparation and cleanliness standards.

Remove all dust and surface contamination. Ensure all surfaces are clean, dry and free of contamination prior to the application of each coat of the specified paint system.

Consult your International Representative.

Product	Sales Code	Colour	Coats	DFT (µm)	Volume Solids (%)	WFT (µm)	TSR (m²/lit)	% Loss factor	PSR (m²/lit)	Thinner	VOC (g/lit)
Intershield 300HS	ENA380/ENA383	Bronze	FC	125	78	160	6.24	30	4.37	GTA220	206
Intershield 300HS	ENA381/ENA383	Aluminium	FC	125	78	160	6.24	30	4.37	GTA220	206
Interthane 990	PHY999/PHA046	Black	FC	75	57	132	7.60	30	5.32	GTA056, GTA713, GTA733	420
Interthane 990	PHY999/PHA046	Black	FC	75	57	132	7.60	30	5.32	GTA056, GTA713, GTA733	420
				400		584					

A sharp, angular surface profile of 50-75 microns is required

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Main Deck - Renew

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

Surface Preparations

Remove all weld splatter, smooth weld seams and sharp edges. Fresh water wash to remove all dirt and contamination. Degrease according to SSPC-SP1 solvent cleaning. Ensure area is clean and dry prior to application.

Grit blast entire area using an aluminium oxide abrasive or copper free equivalent to achieve a surface profile of 50-75 microns. Ensure the area is clean and dry and apply initial coat within 6-8 hours.

Apply the first coat of the specified paint system before there is a risk of loss of surface preparation and cleanliness standards.

Remove all dust and surface contamination. Ensure all surfaces are clean, dry and free of contamination prior to the application of each coat of the specified paint system.

Consult your International Representative.

Product	Sales Code	Colour	Coats	DFT (µm)	Volume Solids (%)	WFT (µm)	TSR (m²/lit)	% Loss factor	PSR (m²/lit)	Thinner	VOC (g/lit)
Intershield 300HS	ENA380/ENA383	Bronze	FC	125	78	160	6.24	30	4.37	GTA220	206
Intershield 300HS	ENA381/ENA383	Aluminium	FC	125	78	160	6.24	30	4.37	GTA220	206
Intershield 300HS	ENA380/ENA383	Bronze	FC	125	78	160	6.24	30	4.37	GTA220	206
Interthane 990	PHZ625/PHA046	RAL7042 Traffic Grey	FC	75	57	132	7.60	30	5.32	GTA056, GTA713, GTA733	420
				450		612					

A sharp, angular surface profile of 50-75 microns is required

Colour as per owner

Aluminum oxide 50/50 mix #16/#24 of non-skid compound to be seeded or sprinkled (270 grams per m2 or 1lb per 18 sq.ft) over the third coat of Intershield 300HS while wet. Sweep off the excess when dry.

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External Superstructure - Repair

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

Surface Preparations

Remove all weld splatter, smooth weld seams and sharp edges. Fresh water wash to remove all dirt and contamination. Degrease according to SSPC-SP1 solvent cleaning. Ensure area is clean and dry prior to application.

Spot grit blast using an aluminium oxide abrasive or copper free equivalent to achieve a surface profile of 50-75 microns. Ensure the area is clean and dry and apply initial coat within 6-8 hours. Feather surrounding area to a sound edge. Overlap onto existing sound coatings by 2-3 cms.

Abrade intact surfaces to produce a mechanical key.

Apply the first coat of the specified paint system before there is a risk of loss of surface preparation and cleanliness standards.

Remove all dust and surface contamination. Ensure all surfaces are clean, dry and free of contamination prior to the application of each coat of the specified paint system.

Consult your International Representative.

Product	Sales Code	Colour	Coats	DFT (µm)	Volume Solids (%)	WFT (µm)	TSR (m ² /lt)	% Loss factor	PSR (m ² /lt)	Thinner	VOC (g/lt)
Intershield 300HS	ENA380/ENA383	Bronze	TU	125	78	160	6.24	30	4.37	GTA220	206
Intershield 300HS	ENA381/ENA383	Aluminium	TU	125	78	160	6.24	30	4.37	GTA220	206
Interthane 990	PHB000/PHA046	White	TU	75	57	132	7.60	30	5.32	GTA056, GTA713, GTA733	420
Interthane 990	PHB000/PHA046	White	FC	75	57	132	7.60	30	5.32	GTA056, GTA713, GTA733	420
				400		584					

A sharp, angular surface profile of 50-75 microns is required

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Test patch should be completed to ensure compatibility

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Interior Areas - Repair

An Interprime 198 fast drying modified alkyd primer scheme suitable for above water areas, using Interlac 665 as a finish coat.

Surface Preparations

Remove all weld splatter, smooth weld seams and sharp edges. Fresh water wash to remove all dirt and contamination. Degrease according to SSPC-SP1 solvent cleaning. Ensure area is clean and dry prior to application.

Spot grit blast using an aluminium oxide abrasive or copper free equivalent to achieve a surface profile of 50-75 microns. Ensure the area is clean and dry and apply initial coat within 6-8 hours. Feather surrounding area to a sound edge. Overlap onto existing sound coatings by 2-3 cms.

Abrade intact surfaces to produce a mechanical key.

Apply the first coat of the specified paint system before there is a risk of loss of surface preparation and cleanliness standards.

Remove all dust and surface contamination. Ensure all surfaces are clean, dry and free of contamination prior to the application of each coat of the specified paint system.

Consult your International Representative.

Product	Sales Code	Colour	Coats	DFT (µm)	Volume Solids (%)	WFT (µm)	TSR (m ² /lt)	% Loss factor	PSR (m ² /lt)	Thinner	VOC (g/lt)
Interprime 198	CPA098	Grey	TU	75	41	183	5.47	30	3.83	GTA007	506
Interlac 665	CLB000	White	TU	50	48	104	9.60	30	6.72	GTA004	420
Interlac 665	CLB000	White	TU	50	48	104	9.60	30	6.72	GTA004	420
				175		391					

A sharp, angular surface profile of 50-75 microns is required

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Application Notes

Definitions:

TU: Touch Up

SC: Stripe Coat

FC: Full Coat

Test for soluble salts/chlorides. Maximum permissible total soluble salt levels are 5 ug/cm² (5 micrograms per cm²) = 50 mg /m² (50 milligrams per m²).

Application by brush and roller will likely require several coats to achieve the specified DFT and achieve full coverage and hiding

Secondary surface preparation after fabrication on Aluminum: Remove all weld splatter, smooth weld seams and sharp edges. Fresh water wash to remove all dirt and contamination. Degrease according to

SSPC-SP1 solvent cleaning. Ensure area is clean and dry prior to application. Spot mechanically prepare damaged and corroded areas using an aluminium oxide abrasive disk (24-30 grit) to give a heavily scored surface profile of 50-75 microns. Feather surrounding area to a sound edge. Remove all dust and surface contamination. Ensure all surfaces are clean, dry and free of contamination prior to the application of each coat of the specified paint system.

Consult International Paint Representative and appropriate Application Guidelines

CCG Colors Factors:

CCG Red: RAL 3000

White: RAL 9003

Black: RAL 9004

Cream (Interior doors): 1 GP 12c color 108-113

Beige / Buff: RAL Design 070 7040

Yellow: RAL 1003

Deck Grey (Weather decks): RAL 7042

Deck Grey (Interior decks): RAL 7042

Deck Red Brown: RAL 3011

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It is the user's responsibility to check that upto date product data sheets are obtained prior to using the products and that local environmental controls that may be in force are observed when using any of our products.

Health & Safety

Products referred to in this report are intended for use only by professional applicators in industrial situations in accordance with the advice given on our Technical Datasheetst, the Material Safety Data Sheet and the container(s), and should not be used without reference to the Material Safety Data Sheet (MSDS).

All work involving the application and use of this product should be performed in compliance with all relevant national Health, Safety & Environment standards and regulations.

In the event welding or flame cutting is performed on metal coated with this product, dust and fumes will be emitted which will require the use of appropriate personal protective equipment and adequate local exhaust ventilation.

If in doubt regarding the suitability of use of this product, consult International Paint for further advice.

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