

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

Crane

SIR WILFRED GRENFELL

Government of Canada (Canadian Coast Guard)

Vancouver (BC), Canada

21-Aug-2019

CAKG1-3BXT-PDWR/3

Keegan Gemmill

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Main Schemes

Area	Description
Crane - Renew	An Intershield 300HS abrasion resistant epoxy scheme directly overcoated with a polyurethane finish, Interthane 990.

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Crane - 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.

Blast to Sa2½ ISO 8501-1 or SSPC SP10.

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/Lt)	% Loss factor	PSR (m²/Lt)	Thinner
Intershield 300HS	ENA380/ENA383	Bronze	FC	150	78	192	5.20	30	3.64	GTA220
Intershield 300HS	ENA381/ENA383	Aluminium	SC	0	78	0	6.24	30	4.37	GTA220
Intershield 300HS	ENA381/ENA383	Aluminium	FC	150	78	192	5.20	30	3.64	GTA220
Interthane 990	PH74654/PHA046	RAL Design 070 7040	FC	75	57	132	7.60	30	5.32	GTA056, GTA713, GTA733
				375		516				

[Scheme notes](#)

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).

All new steel should be wheel abraded to SSPC- SP10 with a sharp, angular surface profile of 50-75 microns and primed with Interplate 937, steel items that cannot be wheel abraded and primed with Interplate 937 due to configuration or type are to be prepared to SSPC-SP10 with a sharp, angular surface profile of 50-75 microns and primed with the specified primer found within the Interspec, if no reference is found please consult International Paint or Owner for guidance.

New Aluminum and Galvanized items please consult International Paint or Owner for guidance.

Sharp edges shall be treated to a rounded radius of minimum 2 mm, subjected to a three-pass grinding or treated with an equivalent process that produces an edge profile that results in a dry film thickness retention equivalent to or better than that of three pass grinding. Sharp edge means all edges except natural rounded/rolled edges of sections or profiled steel bars.

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

Care shall be taken when applying paint to the inside of angled members and other difficult areas to ensure that specified DFT is achieved

Secondary surface preparation after fabrication on Steel: 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 abrasive blast to SSPC-SP6 or power tool clean to SSPC-SP15 the damaged/corroded areas. 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.

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:

CCG Red: RAL 3000
White: RAL 9003
Black: RAL 9004
Cream (Interior doors): 1 GP 12c color 108-113

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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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