

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

CCG Coating Spec

CANADIAN COAST GUARD WEST COAST

CCGS JOHN P TULLY

Vancouver (BC) , Canada

23-Dec-2016

CMC00289

Gemmill, Keegan

Unit# 130 7885 North Fraser Way
Burnaby, BC
V5J 5M7
Canada
Telephone : 1 604 291 8242
E-Mail : keegan.gemmill@akzonobel.com

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| Main Schemes | | |
|---------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| Area | Description | Area m² |
| Underwater Hull - Renew | An Interspeed 640 high performance TBT free polishing scheme. Area includes: *Inlets and Sea Bay *Excluding: Sea Water Sampling Inlet and Reverse Osmosis Sea Inlet | 0m² |
| Sea Chests - Repair | An Interspeed 640 high performance TBT free polishing scheme. | 0m² |
| Sea Water Sampling & Reverse Osmosis Sea Inlet - Repair | Interline 850, a high performance epoxy scheme for the carriage of potable water. | 0m² |
| External Superstructure/Topside Hull - Repair | An Intershield 300HS High Solids, abrasion resistant, aluminium pure epoxy primer with Interfine 5703 single pack acrylic modified Polysiloxane finish. Area: Waterline to the bull rail cap | 0m² |
| Superstructure Aluminium - Repair | An Intershield 300HS High Solids, abrasion resistant, aluminium pure epoxy primer with Interfine 5703 single pack acrylic modified Polysiloxane finish. Area: Waterline to the bull rail cap | 0m² |
| Ballast Tanks - Renew | An Intershield 300HS epoxy anticorrosive scheme for long term protection. Area: As per CCG SPEC | 0m² |
| Ballast Tanks - Repair | A two component high solids epoxy that is surface and damp tolerant and is designed for the repair or refurbishment of ballast tanks, voids, cofferdams and wet spaces at sea. Area: As per CCG SPEC | 0m² |
| Freshwater Tanks - Renew | An Interline 925, high performance epoxy scheme certified for the carriage of potable water. | 0m² |
| Freshwater Tanks - Repair | An Interline 925, high performance epoxy scheme certified for the carriage of potable water. | 0m² |
| Chain Locker - Repair | A two component high solids epoxy that is surface and damp tolerant and is designed for the repair or refurbishment of ballast tanks, voids, cofferdams and wet spaces at sea. Area: As per CCG SPEC | 0m² |
| Bilges - Repair | A two component high solids epoxy that is surface and damp tolerant and is designed for the repair or refurbishment of ballast tanks, voids, cofferdams and wet spaces at sea. Area: As per CCG SPEC | 0m² |

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Main Schemes

| Area | Description | Area m² |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| Tank Tops and Internal Decks uncovered - Repair | A two component high solids epoxy that is surface and damp tolerant and is designed for the repair or refurbishment of ballast tanks, voids, cofferdams and wet spaces at sea. Area: As per CCG SPEC | 0m² |
| Grey Water Tanks Internal - Renew | An Intershield 300HS epoxy anticorrosive scheme for long term protection. Area: As per CCG SPEC | 0m² |
| Grey Water Tank External - Renew | A two component high solids epoxy that is surface and damp tolerant and is designed for the repair or refurbishment of ballast tanks, voids, cofferdams and wet spaces at sea. | 0m² |
| Voids - Repair | A two component high solids epoxy that is surface and damp tolerant and is designed for the repair or refurbishment of ballast tanks, voids, cofferdams and wet spaces at sea. Area: As per CCG SPEC | 0m² |
| Weather Decks - Repair | An Intershield 300HS abrasion resistant epoxy scheme directly overcoated with a polyurethane finish, Interthane 990. | 0m² |
| Weather/Helo Deck - Renew | An Intershield 300HS abrasion resistant aluminium pure epoxy epoxy primer scheme using Intershield 5150LWT non-skid. | 0m² |

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Underwater Hull - Renew

An Interspeed 640 high performance TBT free polishing scheme.

Area includes:*Inlets and Sea Bay

*Excluding: Sea Water Sampling Inlet and Reverse Osmosis Sea Inlet

Surface Preparations

Hard scrape/slice to remove all fouling and loose paint. Close high pressure fresh water wash (5,000 psi) 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. Blast to SSPC SP14. 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.

| Sales Code | Product | Paint Type | Colour | Volume Solids (%) | DFT Microns | WFT Microns | Coats | % Loss factor | PSR (m ² /lt) | VOC (g/lt) |
|------------|-------------------|-----------------------------------------------------|------------|-------------------|-------------|-------------|-------|---------------|--------------------------|------------|
| ENA380/A | Intershield 300HS | High Solids Abrasion Resistant Aluminium Pure Epoxy | Bronze | 78 | 150 | 192 | FC | 30 | 3.64 | 206 |
| ENA381/A | Intershield 300HS | High Solids Abrasion Resistant Aluminium Pure Epoxy | Aluminium | 78 | 150 | 192 | FC | 30 | 3.64 | 206 |
| FAJ034/A | Intergard 263 | Epoxy Tie Coat | Light Grey | 57 | 75 | 132 | FC | 30 | 5.32 | 445 |
| BRA642 | Interspeed 640 | TBT Free Polishing Antifouling | Black | 62 | 100 | 161 | FC | 30 | 4.34 | 385 |
| BRA640 | Interspeed 640 | TBT Free Polishing Antifouling | Red | 62 | 100 | 161 | FC | 30 | 4.34 | 385 |
| | | | | | 575 | 838 | | | | |

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

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Sea Chests - Repair

An Interspeed 640 high performance TBT free polishing scheme.

Surface Preparations

Hard scrape/slice to remove all fouling and loose paint. Close high pressure fresh water wash (5,000 psi) 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. Spot abrasive blast to SSPC-SP6 or power tool clean to SSPC-SP15 the damaged/corroded areas. Feather surrounding area to a sound edge. Overlap onto existing sound coatings by 2-3 cms. 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. Apply the first coat of the specified paint system before there is a risk of loss of surface preparation and cleanliness standards.

| Sales Code | Product | Paint Type | Colour | Volume Solids (%) | DFT Microns | WFT Microns | Coats | % Loss factor | PSR (m ² /lt) | VOC (g/lt) |
|------------|-------------------|-----------------------------------------------------|------------|-------------------|-------------|-------------|-------|---------------|--------------------------|------------|
| ENA380/A | Intershield 300HS | High Solids Abrasion Resistant Aluminium Pure Epoxy | Bronze | 78 | 150 | 192 | TU | 30 | 3.64 | 206 |
| ENA381/A | Intershield 300HS | High Solids Abrasion Resistant Aluminium Pure Epoxy | Aluminium | 78 | 150 | 192 | TU | 30 | 3.64 | 206 |
| FAJ034/A | Intergard 263 | Epoxy Tie Coat | Light Grey | 57 | 75 | 132 | TU | 30 | 5.32 | 445 |
| BRA642 | Interspeed 640 | TBT Free Polishing Antifouling | Black | 62 | 100 | 161 | TU | 30 | 4.34 | 385 |
| BRA640 | Interspeed 640 | TBT Free Polishing Antifouling | Red | 62 | 100 | 161 | FC | 30 | 4.34 | 385 |
| | | | | | 575 | 838 | | | | |

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

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Sea Water Sampling & Reverse Osmosis Sea Inlet - Repair

Interline 850, a high performance epoxy scheme for the carriage of potable water.

Surface Preparations

Hard scrape/slice to remove all fouling and loose paint. 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. Blast damaged/corroded areas to Sa2 ISO 8501-1 or SSPC SP6. Feather back surrounding area to a sound edge. Overlap onto existing sound coatings by 2-3 cms. 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.

| Sales Code | Product | Paint Type | Colour | Volume Solids (%) | DFT Microns | WFT Microns | Coats | % Loss factor | PSR (m ² /lt) | VOC (g/lt) |
|------------|---------------|-----------------------------|--------|-------------------|-------------|-------------|-------|---------------|--------------------------|------------|
| TLA851/A | Interline 850 | Epoxy Phenolic Tank Coating | Grey | 76 | 125 | 164 | TU | 30 | 4.26 | 225 |
| TLA850/A | Interline 850 | Epoxy Phenolic Tank Coating | White | 76 | 0 | 0 | SC | 30 | 10.64 | 225 |
| TLA851/A | Interline 850 | Epoxy Phenolic Tank Coating | Grey | 76 | 0 | 0 | SC | 30 | 10.64 | 225 |
| TLA850/A | Interline 850 | Epoxy Phenolic Tank Coating | White | 76 | 125 | 164 | TU | 30 | 4.26 | 225 |
| | | | | | 250 | 328 | | | | |

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

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External Superstructure/Topside Hull - Repair

An Intershield 300HS High Solids, abrasion resistant, aluminium pure epoxy primer with Interfine 5703 single pack acrylic modified Polysiloxane finish.

Area: Waterline to the bull rail cap

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 damaged/corroded areas to Sa2 ISO 8501-1 or SSPC SP6. Feather back surrounding area to a sound edge. Overlap onto existing sound coatings by 2-3 cms. Abrade intact surfaces to produce a mechanical key. 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.

| Sales Code | Product | Paint Type | Colour | Volume Solids (%) | DFT Microns | WFT Microns | Coats | % Loss factor | PSR (m²/lit) | VOC (g/lit) |
|------------|-------------------|-----------------------------------------------------|-------------------|-------------------|-------------|-------------|-------|---------------|--------------|-------------|
| ENA380/A | Intershield 300HS | High Solids Abrasion Resistant Aluminium Pure Epoxy | Bronze | 78 | 150 | 192 | TU | 30 | 3.64 | 206 |
| ENA381/A | Intershield 300HS | High Solids Abrasion Resistant Aluminium Pure Epoxy | Aluminium | 78 | 150 | 192 | TU | 30 | 3.64 | 206 |
| SUX59F | Interfine 5703 | Acrylic Modified Polysiloxane Finish | RAL3000 Flame Red | 60 | 50 | 83 | TU | 30 | 8.40 | 334 |
| SUX59F | Interfine 5703 | Acrylic Modified Polysiloxane Finish | RAL3000 Flame Red | 60 | 50 | 83 | FC | 30 | 8.40 | 334 |
| | | | | | 400 | 550 | | | | |

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

Colour as per existing

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Superstructure Aluminium - Repair

An Intershield 300HS High Solids, abrasion resistant, aluminium pure epoxy primer with Interfine 5703 single pack acrylic modified Polysiloxane finish.

Area: Waterline to the bull rail cap

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. Light abrasive sweep blast using a non-metallic medium (e.g. Garnet or Ilmenite) or power tool clean to create a uniform dull surface. Special care must be taken to ensure there is no distortion of the metal. Remove all loosely adhering and flaking material and feather back all edges. 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. Apply the first coat of the specified paint system before there is a risk of loss of surface preparation and cleanliness standards.

| Sales Code | Product | Paint Type | Colour | Volume Solids (%) | DFT Microns | WFT Microns | Coats | % Loss factor | PSR (m ² /lt) | VOC (g/lt) |
|------------|-------------------|-----------------------------------------------------|-----------|-------------------|-------------|-------------|-------|---------------|--------------------------|------------|
| ENA380/A | Intershield 300HS | High Solids Abrasion Resistant Aluminium Pure Epoxy | Bronze | 78 | 150 | 192 | TU | 30 | 3.64 | 206 |
| ENA381/A | Intershield 300HS | High Solids Abrasion Resistant Aluminium Pure Epoxy | Aluminium | 78 | 150 | 192 | TU | 30 | 3.64 | 206 |
| SUB000 | Interfine 5703 | Acrylic Modified Polysiloxane Finish | White | 60 | 50 | 83 | TU | 30 | 8.40 | 334 |
| SUB000 | Interfine 5703 | Acrylic Modified Polysiloxane Finish | White | 60 | 50 | 83 | FC | 30 | 8.40 | 334 |
| | | | | | 400 | 550 | | | | |

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

Colour as per existing

Finish coats of Interfine 5703 only needed on exposed areas

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Ballast Tanks - Renew

An Intershield 300HS epoxy anticorrosive scheme for long term protection.

Area: As per CCG SPEC

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 Paint representative.

| Sales Code | Product | Paint Type | Colour | Volume Solids (%) | DFT Microns | WFT Microns | Coats | % Loss factor | PSR (m²/lit) | VOC (g/lit) |
|------------|-------------------|-----------------------------------------------------|-----------|-------------------|-------------|-------------|-------|---------------|--------------|-------------|
| ENA380/A | Intershield 300HS | High Solids Abrasion Resistant Aluminium Pure Epoxy | Bronze | 78 | 160 | 205 | FC | 30 | 3.41 | 206 |
| ENA381/A | Intershield 300HS | High Solids Abrasion Resistant Aluminium Pure Epoxy | Aluminium | 78 | 0 | 0 | SC | 30 | 10.92 | 206 |
| ENA380/A | Intershield 300HS | High Solids Abrasion Resistant Aluminium Pure Epoxy | Bronze | 78 | 0 | 0 | SC | 30 | 10.92 | 206 |
| ENA381/A | Intershield 300HS | High Solids Abrasion Resistant Aluminium Pure Epoxy | Aluminium | 78 | 160 | 205 | FC | 30 | 3.41 | 206 |
| | | | | | 320 | 410 | | | | |

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

See applicable application guidelines

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Ballast Tanks - Repair

A two component high solids epoxy that is surface and damp tolerant and is designed for the repair or refurbishment of ballast tanks, voids, cofferdams and wet spaces at sea.

Area: As per CCG SPEC

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. High pressure fresh water washed at pressures between 275 and 345 bar (4,000 to 5,000 psi). Blast damaged/corroded areas to Sa2 ISO 8501-1 or SSPC SP6. Feather surrounding area to a sound edge. Overlap onto existing sound coatings by 2-3 cms. 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.

| Sales Code | Product | Paint Type | Colour | Volume Solids (%) | DFT Microns | WFT Microns | Coats | % Loss factor | PSR (m²/lit) | VOC (g/lit) |
|------------|---------------|------------------------|----------------|-------------------|-------------|-------------|-------|---------------|--------------|-------------|
| KRA924/A | Interbond 998 | Surface Tolerant Epoxy | Terracotta Red | 90 | 175 | 194 | TU | 30 | 3.60 | 98 |
| KRA924/A | Interbond 998 | Surface Tolerant Epoxy | Terracotta Red | 90 | 0 | 0 | SC | 30 | 12.60 | 98 |
| KRA921/A | Interbond 998 | Surface Tolerant Epoxy | Light Grey | 90 | 0 | 0 | SC | 30 | 12.60 | 98 |
| KRA921/A | Interbond 998 | Surface Tolerant Epoxy | Light Grey | 90 | 175 | 194 | FC | 30 | 3.60 | 98 |
| | | | | | 350 | 388 | | | | |

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

See applicable application guidelines

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Freshwater Tanks - Renew

An Interline 925, high performance epoxy scheme certified for the carriage of potable water.

Surface Preparations

High pressure fresh water wash. Blast to Sa2½ ISO 8501-1 or SSPC SP10. 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. Apply the first coat of the specified paint system before there is a risk of loss of surface preparation and cleanliness standards. Consult your International Paint representative.

| Sales Code | Product | Paint Type | Colour | Volume Solids (%) | DFT Microns | WFT Microns | Coats | % Loss factor | PSR (m²/lit) | VOC (g/lit) |
|------------|---------------|---------------------------------|--------|-------------------|-------------|-------------|-------|---------------|--------------|-------------|
| THA127/A | Interline 925 | Solvent Free Epoxy Tank Coating | White | 100 | 300 | 300 | FC | 30 | 2.33 | 125 |
| THA126/A | Interline 925 | Solvent Free Epoxy Tank Coating | Cream | 100 | 0 | 0 | SC | 30 | 0.00 | 125 |
| THA127/A | Interline 925 | Solvent Free Epoxy Tank Coating | White | 100 | 0 | 0 | SC | 30 | 0.00 | 125 |
| | | | | | 300 | 300 | | | | |

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

[See applicable application guidelines](#)

Freshwater Tanks - Repair

An Interline 925, high performance epoxy scheme certified for the carriage of potable water.

Surface Preparations

High pressure fresh water wash. Spot power tool clean to SSPC-SP11 the damaged/corroded areas. Feather surrounding area to a sound edge. Overlap onto existing sound coatings by 2-3 cms. 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. Apply the first coat of the specified paint system before there is a risk of loss of surface preparation and cleanliness standards. Consult your International Paint representative.

| Sales Code | Product | Paint Type | Colour | Volume Solids (%) | DFT Microns | WFT Microns | Coats | % Loss factor | PSR (m²/lit) | VOC (g/lit) |
|------------|---------------|---------------------------------|--------|-------------------|-------------|-------------|-------|---------------|--------------|-------------|
| THA127/A | Interline 925 | Solvent Free Epoxy Tank Coating | White | 100 | 150 | 150 | TU | 30 | 4.67 | 125 |
| THA127/A | Interline 925 | Solvent Free Epoxy Tank Coating | White | 100 | 150 | 150 | TU | 30 | 4.67 | 125 |
| | | | | | 300 | 300 | | | | |

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

[See applicable application guidelines](#)

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Chain Locker - Repair

A two component high solids epoxy that is surface and damp tolerant and is designed for the repair or refurbishment of ballast tanks, voids, cofferdams and wet spaces at sea.

Area: As per CCG SPEC

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. High pressure fresh water washed at pressures between 275 and 345 bar (4,000 to 5,000 psi). Blast damaged/corroded areas to Sa2 ISO 8501-1 or SSPC SP6. Feather surrounding area to a sound edge. Overlap onto existing sound coatings by 2-3 cms. 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.

| Sales Code | Product | Paint Type | Colour | Volume Solids (%) | DFT Microns | WFT Microns | Coats | % Loss factor | PSR (m ² /lt) | VOC (g/lt) |
|------------|---------------|------------------------|----------------|-------------------|-------------|-------------|-------|---------------|--------------------------|------------|
| KRA924/A | Interbond 998 | Surface Tolerant Epoxy | Terracotta Red | 90 | 175 | 194 | TU | 30 | 3.60 | 98 |
| KRA924/A | Interbond 998 | Surface Tolerant Epoxy | Terracotta Red | 90 | 0 | 0 | SC | 30 | 12.60 | 98 |
| KRA921/A | Interbond 998 | Surface Tolerant Epoxy | Light Grey | 90 | 0 | 0 | SC | 30 | 12.60 | 98 |
| KRA921/A | Interbond 998 | Surface Tolerant Epoxy | Light Grey | 90 | 175 | 194 | FC | 30 | 3.60 | 98 |
| | | | | | 350 | 388 | | | | |

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

Bilges - Repair

A two component high solids epoxy that is surface and damp tolerant and is designed for the repair or refurbishment of ballast tanks, voids, cofferdams and wet spaces at sea.

Area: As per CCG SPEC

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. High pressure fresh water washed at pressures between 275 and 345 bar (4,000 to 5,000 psi). Spot power tool clean to SSPC-SP15 the damaged/corroded areas. Feather surrounding area to a sound edge. Overlap onto existing sound coatings by 2-3 cms. 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.

| Sales Code | Product | Paint Type | Colour | Volume Solids (%) | DFT Microns | WFT Microns | Coats | % Loss factor | PSR (m ² /lt) | VOC (g/lt) |
|------------|---------------|------------------------|----------------|-------------------|-------------|-------------|-------|---------------|--------------------------|------------|
| KRA924/A | Interbond 998 | Surface Tolerant Epoxy | Terracotta Red | 90 | 175 | 194 | TU | 30 | 3.60 | 98 |
| KRA920/A | Interbond 998 | Surface Tolerant Epoxy | Off-White | 90 | 0 | 0 | SC | 30 | 12.60 | 98 |
| KRA920/A | Interbond 998 | Surface Tolerant Epoxy | Off-White | 90 | 175 | 194 | FC | 30 | 3.60 | 98 |
| | | | | | 350 | 388 | | | | |

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

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Tank Tops and Internal Decks uncovered - Repair

A two component high solids epoxy that is surface and damp tolerant and is designed for the repair or refurbishment of ballast tanks, voids, cofferdams and wet spaces at sea.

Area: As per CCG SPEC

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. High pressure fresh water washed at pressures between 275 and 345 bar (4,000 to 5,000 psi). Spot power tool clean to SSPC-SP15 the damaged/corroded areas. Feather back surrounding area to a sound edge. Overlap onto existing sound coatings by 2-3 cms. 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.

| Sales Code | Product | Paint Type | Colour | Volume Solids (%) | DFT Microns | WFT Microns | Coats | % Loss factor | PSR (m ² /lt) | VOC (g/lt) |
|------------|---------------|------------------------|----------------|-------------------|-------------|-------------|-------|---------------|--------------------------|------------|
| KRA924/A | Interbond 998 | Surface Tolerant Epoxy | Terracotta Red | 90 | 175 | 194 | TU | 30 | 3.60 | 98 |
| KRA920/A | Interbond 998 | Surface Tolerant Epoxy | Off-White | 90 | 0 | 0 | SC | 30 | 12.60 | 98 |
| KRA920/A | Interbond 998 | Surface Tolerant Epoxy | Off-White | 90 | 175 | 194 | FC | 30 | 3.60 | 98 |
| | | | | | 350 | 388 | | | | |

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

Colour as per owner

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Grey Water Tanks Internal - Renew

An Intershield 300HS epoxy anticorrosive scheme for long term protection.

Area: As per CCG SPEC

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 Paint representative.

| Sales Code | Product | Paint Type | Colour | Volume Solids (%) | DFT Microns | WFT Microns | Coats | % Loss factor | PSR (m²/lit) | VOC (g/lit) |
|------------|-------------------|-----------------------------------------------------|-----------|-------------------|-------------|-------------|-------|---------------|--------------|-------------|
| ENA380/A | Intershield 300HS | High Solids Abrasion Resistant Aluminium Pure Epoxy | Bronze | 78 | 160 | 205 | FC | 30 | 3.41 | 206 |
| ENA381/A | Intershield 300HS | High Solids Abrasion Resistant Aluminium Pure Epoxy | Aluminium | 78 | 0 | 0 | SC | 30 | 10.92 | 206 |
| ENA380/A | Intershield 300HS | High Solids Abrasion Resistant Aluminium Pure Epoxy | Bronze | 78 | 0 | 0 | SC | 30 | 10.92 | 206 |
| ENA381/A | Intershield 300HS | High Solids Abrasion Resistant Aluminium Pure Epoxy | Aluminium | 78 | 160 | 205 | FC | 30 | 3.41 | 206 |
| | | | | | 320 | 410 | | | | |

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

See applicable application guidelines

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Grey Water Tank External - Renew

A two component high solids epoxy that is surface and damp tolerant and is designed for the repair or refurbishment of ballast tanks, voids, cofferdams and wet spaces at sea.

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 Sa2 ISO 8501-1 or SSPC SP6. 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. Apply the first coat of the specified paint system before there is a risk of loss of surface preparation and cleanliness standards.

| Sales Code | Product | Paint Type | Colour | Volume Solids (%) | DFT Microns | WFT Microns | Coats | % Loss factor | PSR (m²/lt) | VOC (g/lt) |
|------------|---------------|------------------------|----------------|-------------------|-------------|-------------|-------|---------------|-------------|------------|
| KRA924/A | Interbond 998 | Surface Tolerant Epoxy | Terracotta Red | 90 | 175 | 194 | FC | 30 | 3.60 | 98 |
| KRA920/A | Interbond 998 | Surface Tolerant Epoxy | Off-White | 90 | 0 | 0 | SC | 30 | 12.60 | 98 |
| KRA920/A | Interbond 998 | Surface Tolerant Epoxy | Off-White | 90 | 175 | 194 | FC | 30 | 3.60 | 98 |
| | | | | | 350 | 388 | | | | |

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

Colour as per owner

Voids - Repair

A two component high solids epoxy that is surface and damp tolerant and is designed for the repair or refurbishment of ballast tanks, voids, cofferdams and wet spaces at sea.

Area: As per CCG SPEC

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 power tool clean to SSPC-SP15 the damaged/corroded areas. Remove all loosely adhering and flaking material and feather back all edges. 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. Apply the first coat of the specified paint system before there is a risk of loss of surface preparation and cleanliness standards.

| Sales Code | Product | Paint Type | Colour | Volume Solids (%) | DFT Microns | WFT Microns | Coats | % Loss factor | PSR (m²/lt) | VOC (g/lt) |
|------------|---------------|------------------------|----------------|-------------------|-------------|-------------|-------|---------------|-------------|------------|
| KRA924/A | Interbond 998 | Surface Tolerant Epoxy | Terracotta Red | 90 | 175 | 194 | TU | 30 | 3.60 | 98 |
| KRA920/A | Interbond 998 | Surface Tolerant Epoxy | Off-White | 90 | 0 | 0 | SC | 30 | 12.60 | 98 |
| KRA920/A | Interbond 998 | Surface Tolerant Epoxy | Off-White | 90 | 175 | 194 | TU | 30 | 3.60 | 98 |
| | | | | | 350 | 388 | | | | |

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

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Weather Decks - 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. Blast damaged/corroded areas to Sa2 ISO 8501-1 or SSPC SP6. Remove all loosely adhering and flaking material and feather back all edges. 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. Apply the first coat of the specified paint system before there is a risk of loss of surface preparation and cleanliness standards.

| Sales Code | Product | Paint Type | Colour | Volume Solids (%) | DFT Microns | WFT Microns | Coats | % Loss factor | PSR (m ² /lt) | VOC (g/lt) |
|------------|-------------------|-----------------------------------------------------|----------------------|-------------------|-------------|-------------|-------|---------------|--------------------------|------------|
| ENA380/A | Intershield 300HS | High Solids Abrasion Resistant Aluminium Pure Epoxy | Bronze | 78 | 150 | 192 | TU | 30 | 3.64 | 206 |
| ENA381/A | Intershield 300HS | High Solids Abrasion Resistant Aluminium Pure Epoxy | Aluminium | 78 | 150 | 192 | TU | 30 | 3.64 | 206 |
| ENA380/A | Intershield 300HS | High Solids Abrasion Resistant Aluminium Pure Epoxy | Bronze | 78 | 150 | 192 | TU | 30 | 3.64 | 206 |
| PHZ625/A | Interthane 990 | Polyurethane Finish | RAL7042 Traffic Grey | 57 | 75 | 132 | TU | 30 | 5.32 | 420 |
| | | | | | 525 | 708 | | | | |

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

Aluminum oxide 50/50 mix #24 and # 16 non-skid compound to be seeded or sprinkled (270 grams per m2 or 1 lb per 18 sq.ft) over the second coat of Intershield 300HS while wet. Sweep off the excess when dry.
Apply the Interthane 990

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Weather/Helo Deck - Renew

An Intershield 300HS abrasion resistant aluminium pure epoxy primer scheme using Intershield 5150LWT non-skid.

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

| Sales Code | Product | Paint Type | Colour | Volume Solids (%) | DFT Microns | WFT Microns | Coats | % Loss factor | PSR (m²/l) | VOC (g/l) |
|------------|---------------------|-----------------------------------------------------|-----------|-------------------|-------------|-------------|-------|---------------|------------|-----------|
| ENA380/A | Intershield 300HS | High Solids Abrasion Resistant Aluminium Pure Epoxy | Bronze | 78 | 125 | 160 | FC | 30 | 4.37 | 206 |
| ENA381/A | Intershield 300HS | High Solids Abrasion Resistant Aluminium Pure Epoxy | Aluminium | 78 | 125 | 160 | FC | 30 | 4.37 | 206 |
| EGA515/A | Intershield 5150LWT | Light Weight Epoxy Non-skid Deck Coating | Dark Grey | 83 | 1,250 | 1,506 | FC | 30 | 0.46 | 145 |
| | | | | | 1,500 | 1,826 | | | | |

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

For markings and lines use Interthane 990

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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).

New steel plates must be wheel abraded and primed with Interplate 937 zinc silicate weldable pre-construction primer to minimize the secondary surface preparation to the weld seams and the burnt or damaged areas.

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

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): RAL7042

Deck Red Brown: RAL 3011

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

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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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