

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

CCGH Siyay

Vancouver (BC), Canada

17-Nov-2017

CAKG1-38HM-2QJD/1

Keegan Gemmill  
keegan.gemmill@akzonobel.com

Akzo Nobel Coatings Ltd. (Canada)  
Unit# 130 – 7885 North Fraser Way  
Burnaby, BC  
V5J 5M7  
Canada  
www.akzonobel.com

T +1 604 291 8242  
F +1 604 291 2769  
M +1 604 315 4347

2018 Refit

## Marine Coatings

Unless otherwise agreed in writing, all products supplied and technical advice given by us are subject to our standard terms and conditions of sale. Please note that a surcharge may be applied to the prices listed, in which case this will be notified to you by your International Paint representative. In the event that supplies are made and technical advice is given by one of our associated companies then such supplies and technical advice shall be subject to the standard terms of sale of that company, a copy of which is available upon request

CAKG1-38HM-2QJD/1  
17-Nov-2017  
1  
CCGH Siyay

| Main Schemes  |   |
|---|---|
| Area  | Description   |
| Hull Area above the Skirt - All Areas with Red - Repair | A high performance antiabrasion and cosmetic finish system, using 2nd generation polysiloxane technology, for use on above water areas. |
| Hull Area below Skirt - Repair                          | A high performance antiabrasion epoxy scheme  |
| Area Under Lift Engines - Repair                        | A high performance antiabrasion epoxy scheme  |

## Marine Coatings

Unless otherwise agreed in writing, all products supplied and technical advice given by us are subject to our standard terms and conditions of sale. Please note that a surcharge may be applied to the prices listed, in which case this will be notified to you by your International Paint representative. In the event that supplies are made and technical advice is given by one of our associated companies then such supplies and technical advice shall be subject to the standard terms of sale of that company, a copy of which is available upon request

CAKG1-38HM-2QJD/1  
17-Nov-2017  
2  
CCGH Siyay

## Hull Area above the Skirt - All Areas with Red - Repair

A high performance antiabrasion and cosmetic finish system, using 2nd generation polysiloxane technology, for use on above water areas.

### 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 (2-3 mils) or mechanically prepare the surface using a Bristle Blaster to give a heavily scored surface profile of 50-75 microns (2-3 mils). Ensure the area is clean and dry and apply initial coat within 6-8 hours.

Remove all loosely adhering and flaking material and feather back all edges.

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.

| Sales Code    | Product           | Colour            | Coat Type | DFT<br>µm | WFT<br>µm | Volume<br>Solids (%) | % Loss<br>Factor | PSR<br>(m <sup>2</sup> /lt) | Thinners | VOC<br>(g/lt) | Volume<br>(lt) |
|---------------|-------------------|-------------------|-----------|-----------|-----------|----------------------|------------------|-----------------------------|----------|---------------|----------------|
| ENA380/ENA383 | Intershield 300HS | Bronze            | TU        | 150       | 192       | 78                   | 30               | 3.64                        | GTA220   | 206           | 0.0            |
| SYX59F/SYA056 | Interfine 979     | RAL3000 Flame Red | TU        | 125       | 164       | 76                   | 30               | 4.26                        | GTA007   | 218           | 0.0            |
|               |                   |                   |           | 275       | 356       |                      |                  |                             |          |               | 0.0            |

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

Colour as per existing

## Marine Coatings

Unless otherwise agreed in writing, all products supplied and technical advice given by us are subject to our standard terms and conditions of sale. Please note that a surcharge may be applied to the prices listed, in which case this will be notified to you by your International Paint representative. In the event that supplies are made and technical advice is given by one of our associated companies then such supplies and technical advice shall be subject to the standard terms of sale of that company, a copy of which is available upon request

CAKG1-38HM-2QJD/1

17-Nov-2017

3

CCGH Siyay

## Hull Area below Skirt - Repair

A high performance anti abrasion epoxy scheme

### 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 aluminum oxide abrasive or copper free equivalent to achieve a surface profile of 50-75 microns (2-3 mils) or mechanically prepare the surface using a Bristle Blaster to give a heavily scored surface profile of 50-75 microns (2-3 mils). Ensure the area is clean and dry and apply initial coat within 6-8 hours.

Remove all loosely adhering and flaking material and feather back all edges.

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.

| Sales Code    | Product           | Colour    | Coat Type | DFT µm | WFT µm | Volume Solids (%) | % Loss Factor | PSR (m²/lit) | Thinners | VOC (g/lit) | Volume (lit) |
|---------------|-------------------|-----------|-----------|--------|--------|-------------------|---------------|--------------|----------|-------------|--------------|
| ENA380/ENA383 | Intershield 300HS | Bronze    | TU        | 150    | 192    | 78                | 30            | 3.64         | GTA220   | 206         | 0.0          |
| ENA381/ENA383 | Intershield 300HS | Aluminium | TU        | 150    | 192    | 78                | 30            | 3.64         | GTA220   | 206         | 0.0          |
|               |                   |           |           | 300    | 384    |                   |               |              |          |             | 0.0          |

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

Colour as per existing

## Marine Coatings

Unless otherwise agreed in writing, all products supplied and technical advice given by us are subject to our standard terms and conditions of sale. Please note that a surcharge may be applied to the prices listed, in which case this will be notified to you by your International Paint representative. In the event that supplies are made and technical advice is given by one of our associated companies then such supplies and technical advice shall be subject to the standard terms of sale of that company, a copy of which is available upon request

CAKG1-38HM-2QJD/1

17-Nov-2017

4

CCGH Siyay

## Area Under Lift Engines - Repair

A high performance anti abrasion epoxy scheme

### 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 aluminum oxide abrasive or copper free equivalent to achieve a surface profile of 50-75 microns (2-3 mils) or mechanically prepare the surface using a Bristle Blaster to give a heavily scored surface profile of 50-75 microns (2-3 mils). Ensure the area is clean and dry and apply initial coat within 6-8 hours.

Remove all loosely adhering and flaking material and feather back all edges.

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.

| Sales Code    | Product           | Colour    | Coat Type | DFT $\mu\text{m}$ | WFT $\mu\text{m}$ | Volume Solids (%) | % Loss Factor | PSR ( $\text{m}^2/\text{lt}$ ) | Thinners | VOC (g/lt) | Volume (lt) |
|---------------|-------------------|-----------|-----------|-------------------|-------------------|-------------------|---------------|--------------------------------|----------|------------|-------------|
| ENA380/ENA383 | Intershield 300HS | Bronze    | TU        | 150               | 192               | 78                | 30            | 3.64                           | GTA220   | 206        | 0.0         |
| ENA381/ENA383 | Intershield 300HS | Aluminium | TU        | 150               | 192               | 78                | 30            | 3.64                           | GTA220   | 206        | 0.0         |
|               |                   |           |           | 300               | 384               |                   |               |                                |          |            | 0.0         |

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

Colour as per existing

## Marine Coatings

Unless otherwise agreed in writing, all products supplied and technical advice given by us are subject to our standard terms and conditions of sale. Please note that a surcharge may be applied to the prices listed, in which case this will be notified to you by your International Paint representative. In the event that supplies are made and technical advice is given by one of our associated companies then such supplies and technical advice shall be subject to the standard terms of sale of that company, a copy of which is available upon request

CAKG1-38HM-2QJD/1

17-Nov-2017

5

CCGH Siyay

## 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/cm<sup>2</sup> (5 micrograms per cm<sup>2</sup>) = 50 mg /m<sup>2</sup> (50 milligrams per m<sup>2</sup>).

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

### 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

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

## Marine Coatings

Unless otherwise agreed in writing, all products supplied and technical advice given by us are subject to our standard terms and conditions of sale. Please note that a surcharge may be applied to the prices listed, in which case this will be notified to you by your International Paint representative. In the event that supplies are made and technical advice is given by one of our associated companies then such supplies and technical advice shall be subject to the standard terms of sale of that company, a copy of which is available upon request

CAKG1-38HM-2QJD/1  
17-Nov-2017  
6  
CCGH Siyay

## Terms and Conditions

This confidential document is for the use of the above named client and its contents should not be reproduced or transmitted without prior written permission from International Paint. The information is given in good faith and attention to the following statement :

The information given in this report is not intended to be exhaustive and any person using any products for any purpose other than that specifically recommended in this report without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. Any warranty, if given, or specific Terms & Conditions of Sale are contained in International Paints Terms and Conditions of Sale, a copy of which can be obtained on request. Whilst we endeavour to ensure that all advice we give about the product (whether in this report or otherwise) is correct we have no control over either the quality or condition of the substrate or the many factors affecting the use and application of this product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever for howsoever arising for the performance of our products or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of the use of the product. The information contained in this report is liable to modification from time to time in the light of experience and our policy of continuous product development.

It is the users 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.

## Marine Coatings

Unless otherwise agreed in writing, all products supplied and technical advice given by us are subject to our standard terms and conditions of sale. Please note that a surcharge may be applied to the prices listed, in which case this will be notified to you by your International Paint representative. In the event that supplies are made and technical advice is given by one of our associated companies then such supplies and technical advice shall be subject to the standard terms of sale of that company, a copy of which is available upon request

CAKG1-38HM-2QJD/1  
17-Nov-2017  
7  
CCGH Siyay