

Intergard® 5600/5620

Light coloured, epoxy universal primer

Product Description

Intergard®5600 and Intergard®5620 are light coloured, epoxy universal primers for use in ballast tanks, outer hulls, cofferdams, void spaces, decks, cargo holds and crude oil tanks. Suitable for use with controlled cathodic protection. For use at Newbuilding.

Intergard®5620 is a fast cure, low temperature product.

Features

Universal application

Light coloured

Optimised application properties

Intergard®5620 cures at low temperature

Aluminium reinforcement

IMO PSPC Compliant (Water Ballast Tanks)

Benefits

Simplified block coating procedures

Aids inspection and working conditions

Excellent sprayability year round

Year round workability and fast access

Enhanced corrosion protection

Meets latest regulatory requirements

Product Information

Colour	Intergard®5600 Intergard®5620	KUA602 Grey, KUA606 Red KUA622 Grey, KUA626 Red
Surface preparation	Surface should be clean, dry and free from contamination	
Volume solids	68% ±2% (ISO 3233:1998)	
Typical film thickness	2 x 160 microns dry (IMO PSPC Ballast tanks)	
Hard dry	Intergard®5600 12 hours at 25°C / Intergard®5620 14 hours at 5°C	
Minimum application temperature	Intergard®5600 5°C / Intergard®5620 -5°C	
Method of application	Airless Spray, Brush and Roller	

For each of our products the relevant Product Data Sheet, Material Safety Data Sheet and package labelling comprise an integral information system about the product in question. Copies of our Product Data Sheets and Material Safety Data Sheets are available on request or from our website.

In Service Performance



Excellent performance in water ballast tanks of a 3,100 TEU container vessel after 5 years in service



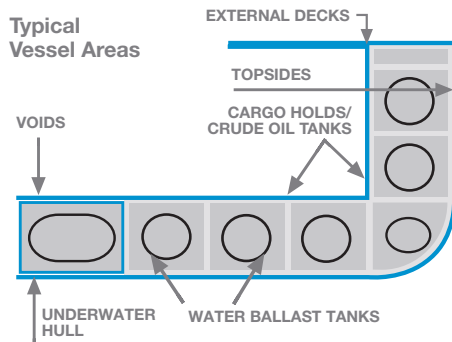
Good condition on welds and sharp edges after 5 years in service



Very good performance in water ballast tanks of a chemical tanker after 9 years in service

Intergard® 5600/5620

Universal Application



The universal primer allows the replacement of several products with a single product that meets all the required characteristics that the shipyard demands as well as the in service performance expectations of the vessel operator.

Typical vessel areas coated using a universal primer

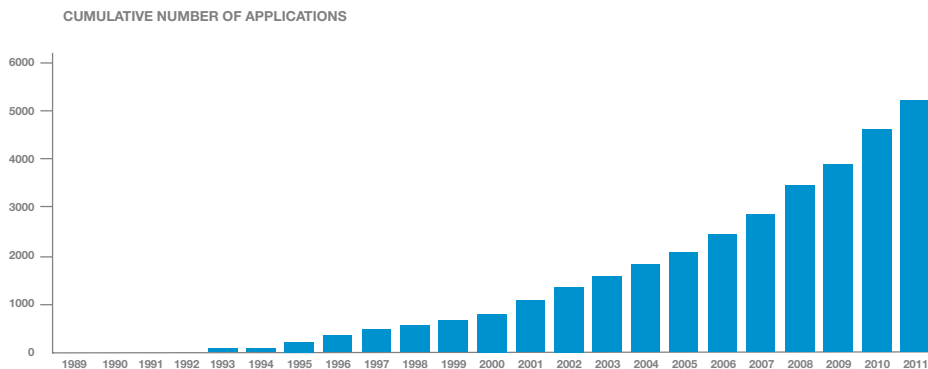
Application



Completed application to the outside shell and ballast tank areas

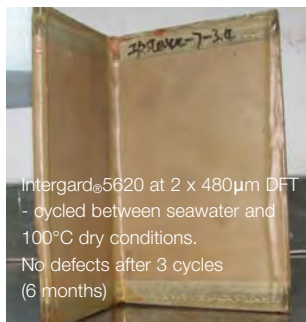
Application Track Record

Intergard®5600 and Intergard®5620 were evolved from Intergard®403 and Intergard®423 technology. Both products have proven long term anticorrosive performance and an extensive track record since 1995. Intergard®5600 and Intergard®5620 were formulated to improve long term anticorrosive protection and to meet IMO PSPC requirements. Improved overcoatability, validated by extensive winter and summer testing in various locations worldwide, provide the flexibility required from a universal primer.



Excellent application properties and final appearance at newbuilding on a ballast tank

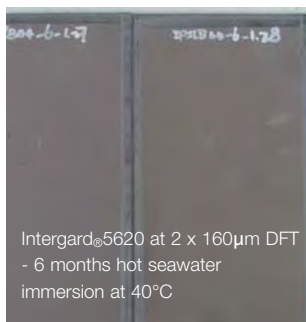
Asset Protection



Intergard®5620 at 2 x 480µm DFT
- cycled between seawater and 100°C dry conditions.
No defects after 3 cycles (6 months)

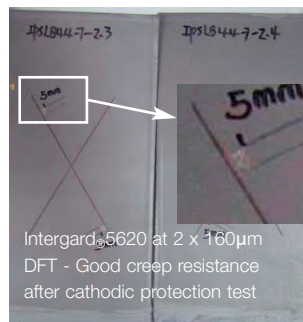
Crack resistance at high film thickness*

*x3 DFT for testing purposes only



Intergard®5620 at 2 x 160µm DFT
- 6 months hot seawater immersion at 40°C

Excellent anticorrosive performance at standard scheme thickness



Intergard®5620 at 2 x 160µm DFT - Good creep resistance after cathodic protection test

Suitable for use with controlled cathodic protection



Application to a superstructure – used as a universal primer at newbuilding stage



Completed application of a ballast tank block section

Unless otherwise agreed in writing, all products supplied and technical advice or recommendations given are subject to the Conditions of Sale of our supplying company.

To find out more visit: www.international-marine.com

✗, International and all products mentioned in this publication are trademarks of or are licensed to AkzoNobel © AkzoNobel, 2011
International Paint Ltd, Stonegate Lane, Felling, Gateshead NE10 0JY. Tel: +44 (0)191 469 6111 Fax: +44 (0)191 495 2003



December 2011