

Intergard® 7020

Abrasion resistant aluminium pure epoxy

Product Description

Intergard®7020 is a two-component pure epoxy coating, containing aluminium. It offers long term anticorrosive protection and good abrasion resistance. Applicable all year round, the product has both FDA and Grain Carriage certification making it an all round multipurpose hold coating.

Suitable for use as a cargo hold coating at Maintenance and Repair.

Features

Abrasion resistance and corrosion protection

Certified for carriage of grain and FDA compliant for dry foodstuffs

Smooth glossy surface

VOC compliant (239g/lit: EPA Method 24 and 177g/kg SED)

Applicable at -5°C to 35°C

Can be applied to surfaces prepared to Sa2 (ISO 8501-1:2007)

Minimal secondary surface preparation

Benefits

Provides long term asset protection and control of future maintenance costs

Allows cargo flexibility to optimise vessel efficiency

Easier cleaning between cargoes reducing down time and costs

Control of solvent emissions giving compliance with current legislation

The same product can be applied all year round giving simplicity and flexibility.

Abrasion resistance with control of surface preparation costs compared to Sa2.5 (ISO8501-1:2007)

Easier repair / touch up for crews

Product Information

Colour	EHA702 Aluminium Red, EHA703 Aluminium Grey
Surface preparation	Sa2 (ISO 8501-1:2007)
Volume solids	74% ±2% (ISO 3233:1998)
Typical film thickness	2 x 125 microns dry
Hard dry	12 hours at 25°C
VOC	239g/lit as supplied: EPA Method 24 177g/kg as supplied: EU Solvent Emissions Directive (Council Directive 1999/13/EC)

Minimum application temperature -5°C

Method of application Airless spray, brush and roller

Application Properties



High solids, high build and easy to apply.



Smooth and glossy finish for easy clean



Red finish coat

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.

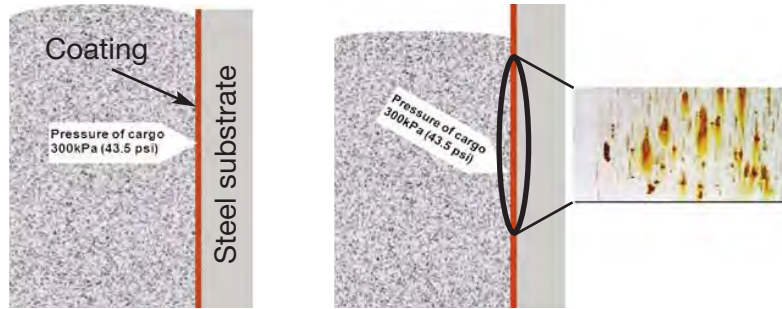
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Intergard®7020

Abrasion Resistance

Intergard®7020 has been formulated to provide good abrasion resistance to the harsh environment found in cargo holds. Utilising a combination of in-house testing and in-service experience, Intergard®7020 delivers performance to meet the needs of ship owners looking to upgrade from modified epoxy cargo hold coatings.

Cargo Settlement Damage

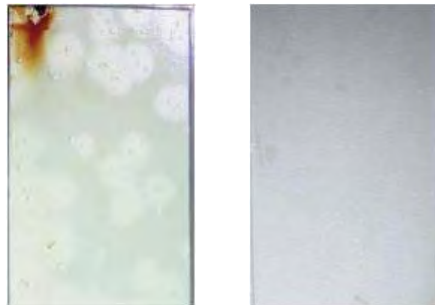


Freshly loaded cargo

Cargo 'settles' in transit, abrading the coating

Corrosion Protection

6 months seawater immersion at 25°C



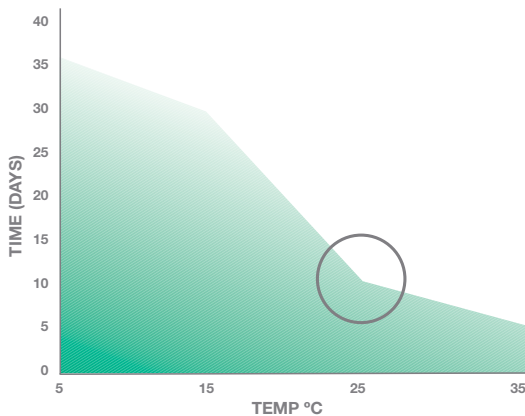
Typical modified epoxy

Intergard®7020

Corrosion protection is critical to a cargo hold coating. Intergard®7020 has been formulated to offer excellent long term performance and control:

- Rash rusting
- Blistering
- Underfilm creep.

Time to Loading First Hard Cargo



Fast loading times for cargoes such as coal, iron ore and bauxite are critical to reduce vessel downtime.

Intergard®7020 is ready for loading in 10 days at 25°C

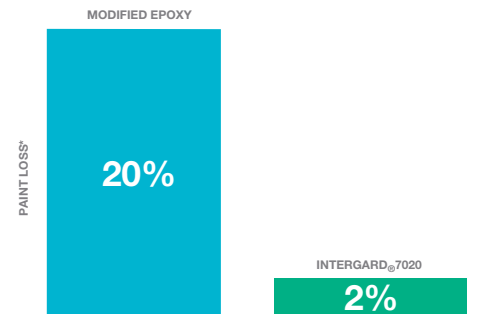
Abrasion Test Results Following Internal Cargo Drag Test at 25°C and 4 Days Cure



Typical modified epoxy



Intergard®7020



Ballast holds need excellent corrosion protection



Quick return to service is vital

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