



# Interseal® 670HS

## surface tolerant epoxy

- High solids, low VOC surface tolerant epoxy
- High build - 100-200µm (4-8 mils) per coat
- Suitable for immersion
- Exceptional corrosion resistance
- Suitable for application over a range aged coatings
- Can be applied over abrasive blasted, hydroblasted or mechanically cleaned surfaces
- Excellent chemical resistance
- Suitable for use in ballast and product tanks
- Available in aluminium and a range of colours
- Aluminium patch primer
- Semi-gloss finish
- Suitable for application temperatures from -7°C (20°F) to 40°C (140°F)
- Alternative to coal tar epoxy in immersion environments
- Compatible with cathodic protection
- Interseal 670HS is certified to ANSI/NSF standard 61. Certification is for tanks greater than 100 gallons (378 litres), for pipes 2 inches (5cm) in diameter or greater, and valves which are 2 inches (5cm) in diameter or greater



## Interseal 670HS

Interseal 670HS is a low VOC, two component high build, high solids surface tolerant epoxy coating suitable for use in both maintenance and new construction. Interseal 670HS is suitable for application to a wide variety of substrates including hand prepared rusted steel, abrasive blast cleaned and hydroblasted steel, and a wide range of intact, aged coatings.

### Anti-corrosive Protection

Interseal 670HS provides excellent anti-corrosive protection in industrial, coastal structures, pulp and paper plants, bridges and offshore environments for both atmospheric exposure and immersion service.

### Immersion Environments

Interseal 670HS can be used on offshore splash zones, sub sea structures, ballast tanks and is certified to ANSI/NSF Standard 61 for use in drinking water tanks.

### Chromascan®

Interseal 670HS is available in a range of colours via the Chromascan remote colour matching system. This means that project shades and specific site colour requirements can be met rapidly and in low volume requirements when required.

## Technical Information

Colour	Aluminium and a selected range of colours via Chromascan	
Volume Solids	82%	
Film	100-200µm (4-8 mils) dry	
Mix Ratio	5.67:1 by volume	
Temperature	Touch Dry	Min Recoat*
10°C (50°F)	8 hours	32 hours
15°C (59°F)	7 hours	26 hours
25°C (77°F)	5 hours	18 hours
40°C (104°F)	2 hours	6 hours
VOC's	175 g/l UK - PG6/23(92), Appendix 3 2.00 lb/gal (240 g/l) USA - EPA Method 24	

\* For curing at low temperatures, an alternative curing agent is available. Please consult product datasheet.



Ecotech® is a global initiative by International Protective Coatings to promote the increased use of environmentally sensitive coatings.

## Test Data

Test Type	Reference	Details	Results
Pull-Off Adhesion	ISO 4624	1 x 100µm (4 mils) dft Interseal 670HS applied directly to Sa2.5 (SSPC-SP10) blasted steel.	Typically 7Mpa (1015psi) Abrasion
Resistance	ASTM D4060b	1 x 125µm (5mils) dft Interseal 670HS applied directly to Sa2.5 (SSPC-SP10) blasted steel.	Average of 259mg weight loss per 1000 cycles using CS17 wheels and a 1Kg loading.
Impact Resistance	ASTM D2794	1 x 125µm (5 mils) dft Interseal 670HS applied directly to Sa2.5 (SSPC-SP10) blasted steel	Direct impact resistance typically 4.17 Joules .
Cathodic Protection	ASTM G8	2 x 225µm (9 mils) dft Interseal 670HS applied directly to Sa2.5 (SSPC-SP10) blasted steel	Typically less than 3mm disbondment following 30 days exposure.
Salt Spray	ISO 7253	1 x 200µm (8 mils) Interseal 670HS applied directly to Sa2.5 (SSPC-SP10) blasted steel	No film defects and an average of 1mm rust creep at the scribe after 3000 hours exposure
Prohesion Cycling	ASTM G85	1 x 200µm (8 mils) Interseal 670HS applied directly to Sa2.5 (SSPC-SP10) blasted steel	No film defects and an average of 1mm rust creep at the scribe after 3000 hours exposure
Immersion	ISO 2812	1 x 150µm (6 mils) dft Interseal 670HS applied directly to Sa2.5 (SSPC-SP10) blasted steel	No film defects after 1 year exposure
Constant Condensation	ISO 6270	1 x 200µm (8mils) dft Interseal 670HS applied directly to Sa2.5 (SSPC-SP10) blasted steel	No film defects after 8000 hours exposure

The above performance data has been compiled based on present experience of in-service product performance and upon performance data obtained under laboratory test conditions. Actual performance of the product will depend upon the conditions under which the product is used.

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