

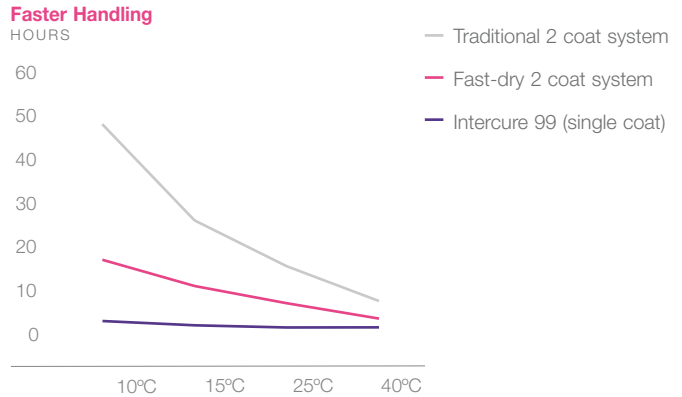
Intercure[®] 99

Increase your productivity

As a single coat polyaspartic primer finish, Intercure 99 can replace two coat systems for ISO 12944 C3 environments.

Drying hard in 1 1/2 hours at 25°C (77°F), Intercure 99 can increase your productivity, reduce your VOCs and provide anti-corrosive protection with long lasting aesthetics.

- High solids polyaspartic
- Single coat direct to metal application for ISO12944 C3 environments
- Rapid cure maximizes fabrication throughput
- Fast forming abrasion resistance enables early handling and minimizes damages
- Available in a wide range of colors via the Chromascan mixing scheme
- Excellent long term cosmetic performance
- Low temperature cure down to 5°C (41°F)
- HAPS free formulation



Polyaspartic Technology

Intercure® 99 is International Protective Coatings' premium direct to metal coating. Based on polyaspartic technology, Intercure 99 dries fast to help increase productivity and throughput. In one high build coat, it also offers corrosion protection and durability allowing the coated structure to be moved or returned to service much faster than was previously possible with traditional multicoat systems.

Simple Specification

Intercure 99 meets requirements simply and effectively. Applied in shop as a single coat direct to Sa2½ blasted steel, it protects structures in an ISO12944 C3 environment to provide a life to first major maintenance of 20 years.

Stripe coating areas of difficult access is essential prior to spray application.

Technical Information

Color	Wide range via Chromascan system		
Volume Solids	80% ±1%		
Film Thickness	150-250 microns (6-10 Mil)		
Mix Ratio	2:1 by volume		
Temperature	Touch Dry	Hard Dry*	Min. Recoat*
41°F (5°C)	1½ hours	3 hours	3 hours
59°F (15°C)	¾ hour	2½ hours	2½ hours
77°F (25°C)	½ hour	1½ hours	1½ hours
104°F (40°C)	½ hour	1½ hours	1½ hours
VOC's	1.62lbs/gal - USA – EPA Method 24 205g/l UK – PG6/23 (92)		

* Dry times will be significantly faster in high humidity conditions

Test Data

	TEST METHOD	SPECIFICATION DETAILS	RESULTS
Anti-corrosive	ISO12944 C3 comprising 480 hours Hot Salt Spray 240 hours Condensation @ 35°C	1 x 175 microns (7 mils) dft. ISO8501 Sa2.5 or SSPC-SP6 blasted substrate	No blistering and less than 1mm creep from the scribe on completion of the test
Adhesion	ISO4624	1 x 175 microns (7 mils) dft. ISO8501 Sa2.5 or SSPC-SP6 blasted substrate	Typically greater than 15MPa (2176 PSI)
Impact	ASTM D2794	1 x 175 microns (7 mils) dft. ISO8501 Sa2.5 or SSPC-SP6 blasted substrate	Typically no disbondment following an 8 joule direct impact
Gloss Retention	ASTM G53	1 x 175 microns (7 mils) dft. ISO8501 Sa2.5 or SSPC-SP6 blasted substrate	>80% retention after 5000hrs QUV-A exposure
Abrasion Resistance	ASTM D4060	1 x 175 microns (7 mils) Intercure 99 applied directly over abraded steel plate	Average 97mg weight loss per 1000 cycles using CS10 wheels and a 1kg loading
Flexibility	ASTM D522	1 x 175 microns (7 mils) dft. ISO8501 Sa 2.5 or SSPC-SP6 blasted substrate	No cracking at 18.8mm (¾") mandrel diameter
Pencil Hardness	ASTM D3363	1 x 175 microns (7 mils) dft. ISO8501 Sa 2.5 or SSPC-SP6 blasted substrate	Classification 2H

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