International

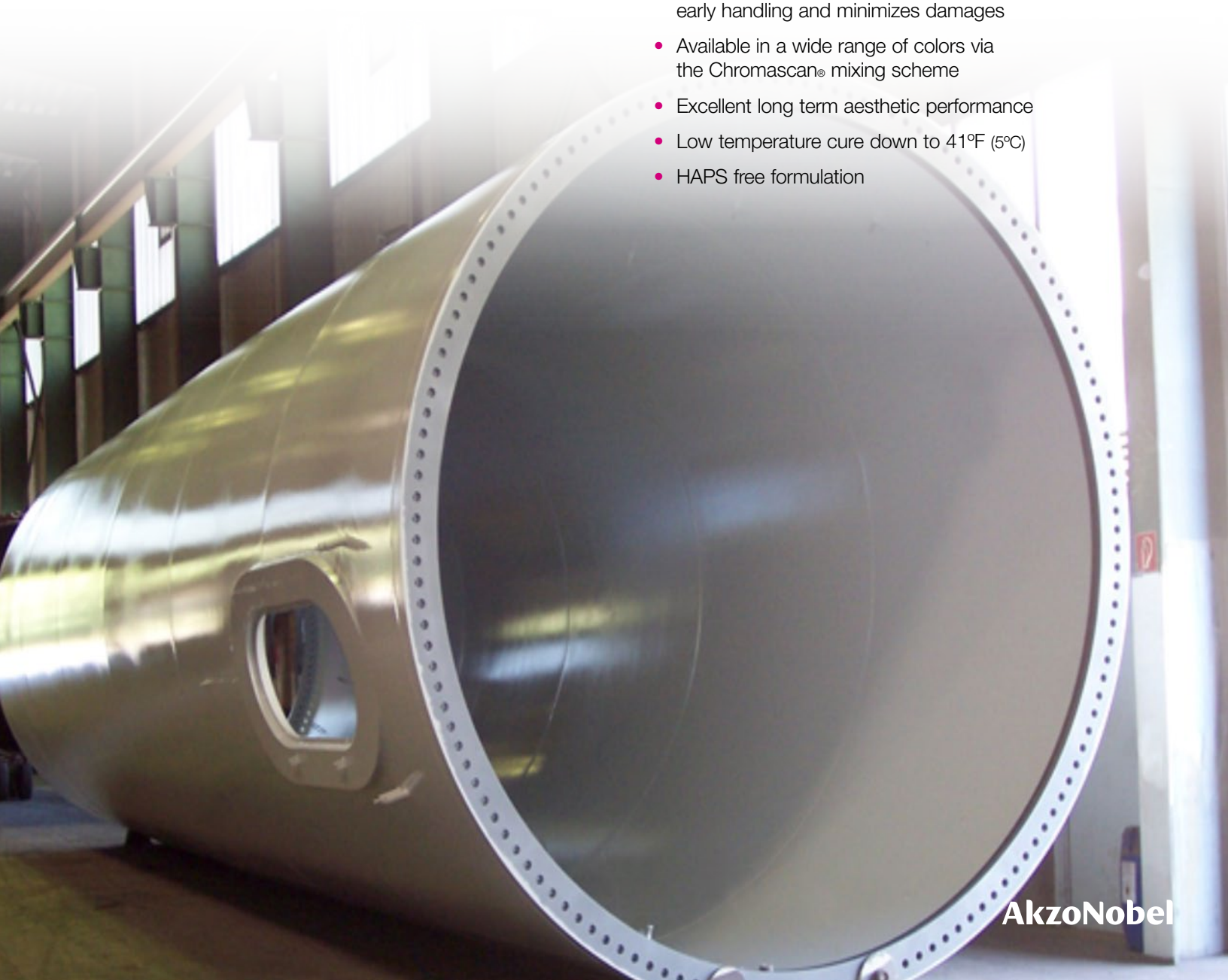
Intercure 99NA

Increase your productivity

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

Drying hard in 1½ hours at 77ºF (25ºC), Intercure® 99NA can increase productivity, reduce volatile organic compound (VOC) levels and provide anticorrosive protection with long lasting aesthetics.

- High solids polyaspartic
- Single coat direct to metal application for ISO 12944 C3 environments
- Specified in ISO 12944 C4 and C5 environments with a suitable primer
- 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 aesthetic performance
- Low temperature cure down to 41ºF (5ºC)
- HAPS free formulation



AkzoNobel

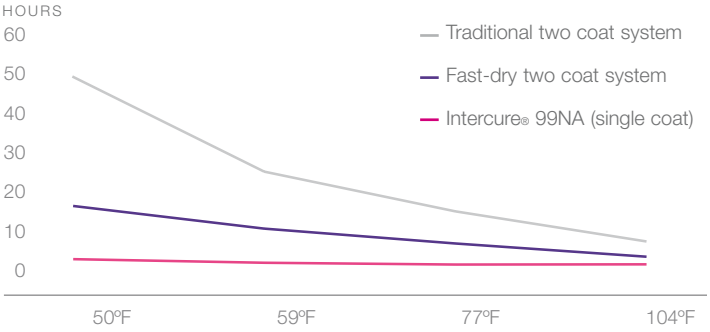
Intercure® 99NA is a premium direct-to-metal coating based on polyaspartic technology. Offering fast drying times,even at low temperatures, enables Intercure® 99NA to help increase throughput and productivity.

Simple specification

Whatever the environment, Intercure® 99NA can meet requirements simply and effectively by eliminating one complete coat:

- In moderately corrosive conditions up to ISO 12944 C3, a single coat of Intercure® 99NA can be applied direct to a variety of substrates.
- For more corrosive environments such as C4 and C5, Intercure® 99NA can be applied over a suitable primer to provide long term corrosion protection.
- In both scenarios, Intercure® 99NA allows the coated structure to be moved or returned to service much faster than with traditional multicoat systems.

Faster handling



Technical information

Color	Wide range via Chromascan® system		
Volume solids	80% ±1%		
Film thickness	6 - 10 mils (150 - 250 microns)		
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	1.62 lb/gal - USA - EPA method 24 205 g/kg UK - PG6/23 (92)		

* Dry times will be significantly faster in high humidity conditions

Test data

	TEST METHOD	SPECIFICATION DETAILS	RESULTS
Anticorrosive	ISO 12944 C3 comprising 480 hours Hot Salt Spray 240 hours Condensation @ 95ºF (35ºC)	1 x 7 mils (175 microns) dft. ISO 8501 Sa2.5 or SSPC-SP6 blasted substrate	No blistering and less than 1mm creep from the scribe on completion of the test
Adhesion	ISO 4624	1 x 7 mils (175 microns) dft. ISO 8501 Sa2.5 or SSPC-SP6 blasted substrate	Typically greater than 2,176 PSI (15 MPa)
Impact	ASTM D2794	1 x 7 mils (175 microns) dft. ISO 8501 Sa2.5 or SSPC-SP6 blasted substrate	Typically no disbondment following an 8 joule direct impact
Gloss retention	ASTM G53	1 x 7 mils (175 microns) dft. ISO 8501 Sa2.5 or SSPC-SP6 blasted substrate	>80% retention after 5,000 hrs QUV-A exposure
Abrasion resistance	ASTM D4060	1 x 7 mils (175 microns) Intercure® 99NA applied directly over abraded steel plate	Average 97mg weight loss per 1,000 cycles using CS10 wheels and a 1kg loading
Flexibility	ASTM D522	1 x 7 mils (175 microns) dft. ISO 8501 Sa2.5 or SSPC-SP6 blasted substrate	No cracking at .75 in (18.8 mm) mandrel diameter
Pencil hardness	ASTM D3363	1 x 7 mils (175 microns) dft. ISO 8501 Sa2.5 or SSPC-SP6 blasted substrate	Classification 2H

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