

ACROLON™ 7300



HIGH SOLIDS ACRYLIC POLYURETHANE FINISH

Acrolon 7300 is an acrylic polyurethane finish for high performance protective coating systems. Available globally, Acrolon 7300 can be supplied with a gloss or semi gloss finish in a full range of colours. It provides a high quality finish with excellent gloss and colour retention while reducing VOC emissions due to its high solids content. Boasting extensive third party approvals it is recommended for use across oil and gas, power and infrastructure applications or any other industry facing harsh exposure whilst demanding high durability.

INDUSTRIES COVERED

Steel fabrication for both shop and on-site with multiple end uses:

- Steel structures
- Storage tanks external areas
- Steel bridges
- Offshore platforms
- Marine applications
- High performance architecture applications.

FEATURES

- Higher solids than average in the market place
- Global availability
- Gloss and semi-gloss shades in a single formula
- Available in a wide range of colours
- Suitable for shop or site application
- Fast to handle
- Excellent aesthetics (smooth film).

BENEFITS

- Covering all scenarios of atmospheric corrosion protection of uninsulated steel
- ISO 12944:2018 approved: C2 to C5 corrosivity categories up to very high durability (>25 years)
- ISO 12944:2018-9 (former ISO 20340) approved: CX corrosivity to maximum durability (>15 years)
- Norsok M-501 Rev 6 approved: System 1 (atmospheric exposure).

KEY APPLICATION PROPERTIES

	Curing times			Pot life			Mix ratio	Volume solids
	@ 10°C	@ 25°C	@ 35°C	@ 10°C	@ 25°C	@ 35°C		
Dry to touch	1.5 hrs	50 mins	40 mins	2.5 hr	2 hrs	1.5 hrs	3:1	68% (ASTM D2697-91)
Dry to handle	27 hrs	6 hrs	3 hrs					

SUPERIOR PROTECTION

Acrolon 7300 provides excellent colour and gloss retention, keeping your structures looking attractive for years, even in highly corrosive environments. It is designed for constructions where a reliable combination of corrosion protection and colour gloss resistance is required.

FAST THROUGHPUT

Acrolon 7300 develops a damage resistant film suitable for handling in as little as six hours at 25°C depending on the environment, helping to improve productivity.

The polyester modified acrylic resin keeps elasticity on curing avoiding brittleness after drying, often the cause of damage on handling and transportation.

EXTENSIVE CERTIFICATION AND APPROVALS COVERAGE

Acrolon 7300 is Sherwin-Williams global polyurethane finish of choice for protective and marine applications.

It has been tested to Norsok M-501 Rev 6, ISO 12944:2018 and a range of other local standards.

Acrolon 7300 is also approved as a top coat over Sherwin-Williams' FIRETEX® range of intumescent passive fire protection coatings, both for cellulosic and hydrocarbon fire scenarios.

FORMULATED TO LOWER HEALTH AND SAFETY IMPACT

Acrolon 7300 formulation based is a high solids polyester modified resin, providing performance with low VOC emission and is tin-free and crystalline silica-free reducing health and safety impact.

THE SHERWIN-WILLIAMS DIFFERENCE

Sherwin-Williams Protective & Marine delivers world-class industry subject matter expertise, unparalleled technical and specification service, and unmatched regional commercial team support to our customers around the globe. Our broad portfolio of high-performance coatings and systems that excel at combating corrosion helps customers achieve smarter, time-tested asset protection. We serve a wide array of industries across our rapidly growing international distribution footprint, including oil and gas, water and wastewater, bridge and highway, steel fabrication, flooring, food and beverage, rail and power, and marine.

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