

OASTOP 271**Technical Data Sheet**

Polyurethane Weather Resistance Top Coat

DESCRIPTION

OASTOP 271 is a two component, solvent-based, polyurethane resin system. This product comprises pigmented base and hardener. It is specifically formulated to protect concrete and steel surfaces and to display an excellent weather resistance.

PRODUCT HIGHLIGHTS

- Excellent weather resistance.
- Excellent abrasion and impact resistance.
- Waterproofing, excellent acid and alkaline resistance.
- Non-yellowing and long-term durability.

RECOMMENDED USES

- Protective coating material for steel, metal structures, bridges and pipelines of chemical plant.
- Widely applied to wood, cement, asbestos and the protection of non-ferrous metal decorative coating.

PRODUCTION INFORMATION

Appearance	Optional (Available in various colors)
Gloss	Glossy
Solid content	65%
Coverage	0.2~0.3kg / m ²
Curing time	Tack free: 1 hour ; Initial cure : 16 hours ;Full cure : 7 days
Heat resistance	100 °C
Surface Preparation	Surface should be clean, free from oil and grease.
Mixing ratio	Component A : Component B= 7 : 1
Grade	Airless spray, air spray or brush
Thinner	PU thinner
Coat interval (30°C)	3 days

PHYSICAL PROPERTIES

Item	Result	Test method
Gloss at 60	98 %	ASTM D523
Abrasion resistance	0.6g	ASTM D4060
Adhesion	5B	ASTM D3359
Mandrel bend (φ =25mm, 300g,850mm)	No abnormality	ASTM D2794

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Polyurethane Weather Resistance Top Coat

PACKAGING & STORAGE

Component A: 7 kg

Component B: 1kg

- The product must be stored properly in original, unopened and undamaged sealed packaging in dry conditions at temperatures between 0°C and +25°C. Higher storage temperatures may reduce shelf life of product.
- Store under cover out of direct sunlight and protect from extremes of temperature.
- Shelf life: See label on the package according to the above conditions.

LIMITATION

- The coverage will depend on the condition of the surface.
- All tools and equipments can be cleaned up by PU thinner.
- Substrate temperature must be about 3 degree C(dew point).
- Mix the main agent and hardener thoroughly by the mixing ratio is recommended.
- Hardener must be stored in tightly sealed containers after use.

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