

OMTHANE F-271

PRODUCT DESCRIPTION

OMTHANE F-271 is a two component acrylic-polyol resin based paint & aliphatic - isocyanate hardener, based curing composition to deliver the best exterior polyurethane coating performance. It is a glossy finish with good gloss retention properties and a high volume solids product. It could be used as a top coat on suitable epoxy/polyurethane primer, in all environments.

APPLICATION

OMTHANE F-271 is recommended for application for plant structure & piping, prepared surfaces of steel structure expose to chemical and industrial environment in fertilizer, refineries petrochemicals, paper & pulp plants, food and pharmaceutical units, effluent treatment plants It confers good corrosion and chemical resistance, and also very good inter- coat adhesion on epoxy and PU primers.

SALIENT FEATURES

- Excellent adhesion on Epoxy and PU primers.
- Very good corrosion and chemical resistance in marine and chemical environments
- Two pack cold cure system
- Easy to apply.

SURFACE PREPARATION

Apply on properly primed surface. The surface should be free from dust and loose particles. Ensure the primer is hard dried prior to application. If primer is old, then sand the surface with -320 emery paper/power tool and remove loose dust by wiping with cotton.. Surface should be free from moisture/oil.

The cleaned surface should be dry and coated at the earliest.

TECHNICAL

TYPE	Two Pack
COMPOSITION	Acrylic-Aliphatic Isocyanate
MIXING RATIO (BASE:HARDENER)	10:1 by volume
VOLUME SOLIDS	60% ± 2
POT LIFE	4-6 Hours
APPLICATION	Brush / Roller / Airless spray
RECOMMENDED DFT	50-100 microns per coat
THEORETICAL COVERAGE	6.3 to 12.6 sq. met per coat per lit ag. Thickness as above
DRYING TIME	Touch Dry...2Hour, Dry to handle4 to 6 Hours, Hard Dry...Overnight, Full Curing time.....7 days
OVER COATING INTERVAL	Minimum overnight, Maximum 7 Days
FLASH POINT	Above 24 °C
SPECIFIC GRAVITY(Base)	1.4±0.05 kg/lit.
SHADES	As per RAL shade card or specific need
PACKING	20 Lits, 4 Lits
THINNER/CLEANER	OMTHANE PU THINNER
FINISH	GLOSSY / SEMI GLOSSY / MATT
STORAGE LIFE	Up to 12 months if stored in cool, dry condition away from Flame and Sun in original sealed container as supplied.

DISCLAIMER

The information contained within this Data Sheet is based on information believed to be reliable at the time of its preparation. The company will not be liable for loss or damage howsoever caused including liability to conduct all necessary tests to confirm the suitability of any product or system for their intended use. No guarantee of results is implied since conditions of use are beyond our control.