

Glossy 60-80%

DESCRIPTION

A two-component acrylic-polyurethane anti-corrosion, weather-resistant primer-enamel. Aliphatic isocyanate is used as a hardener.

Possible modifications:

61-80% glossy;

11-35% semi-matte, 6-10% matte.

PRODUCT FEATURES

- When applied in two layers, it can be used as a standalone coating;
- Zinc phosphate is used as an anti-corrosion pigment;
- Excellent resistance to weathering and wear;
- Suitable for use as a glossy topcoat on epoxy and acrylic polyurethane systems exposed to atmospheric and/or chemical attack;
- Recommended for painting vehicles, equipment, external surfaces of tanks, steel frames and other steel structures, and machinery.
- Has good adhesion to various plastics (except PE/PP);
- Forms a coating with increased chemical resistance.

Mixing ratio

		% by weight, g	% by volume, ml
Product	DTM 162 gloss	100	100
Hardener	Hardener 61	30	35
Solvent	Thinner 1, 2, 3	0 - 30	0 - 30

Volume of solids (A + B) 58±2%

Viscosity (A + B) thixotropic

Weight of solids (comp. A) 60-80%

Density (A + B) 1.15-1.25 kg/l

Viscosity (comp A) > 180 s

Viability 2 hours

DFT 50 µm	+10 °C	+23 °C	+35 °C
Dry "from dust"	30 min	20 min	10 min
Dry to the touch	6 hours	5 hours	2 hours
Minimal drying between coats	15 min	5 - 7 min	5 min

Temperature drying: 60 °C – 30 min.

Data is given at a relative humidity of 65%. Data may change with changes in humidity.

Full formation of the coating with natural drying - 5 days.

**RECOMMENDATIONS
FOR USE**

- Apply in one or two coats. The theoretical consumption rate of the thinner-free product at a DFT of 50 µm is 107 g/m².
- To obtain a smooth, non-porous coating when spraying with airless spray, the viscosity should be 50-60 s DIN4.
- For airless spraying, the product is diluted by approximately 5-10% depending on the temperature of the components (base, hardener, thinner) and the required viscosity. The recommended nozzle diameter is 0.011"-0.017" with a pressure of 120-160 bar. The spray angle is selected according to the shape of the object.
- For normal spraying, the product is diluted by approximately 20% depending on the temperature of the components (base, hardener, thinner) and the required paint viscosity. Working viscosity 30-40 sec according to DIN4. Recommended nozzle diameter: 1.4-1.8 mm and pressure: 3-4 bar.
- For brush application, the product should be diluted as appropriate.

TERMSTORAGE

24 months.

PREPARATIONSURFACES

All surfaces must be clean and dry. Temperature
The air, surface, and paint temperature should not drop below 5°C during application and drying. Relative humidity during application and drying should not exceed 80%. The steel surface temperature should remain at least 3°C above the dew point. During application and drying in enclosed spaces, good ventilation and sufficient air movement are required.

MEASURESSECURITY

Contains organic solvents. Perform painting
Use with local and general ventilation. Wear rubber gloves to protect your hands and personal protective equipment to protect your respiratory system. Store the material in a tightly closed container. Keep away from ignition sources, heat, sparks, open flames, and static electricity. Do not smoke nearby.
Use explosion-proof equipment, lighting, and spark-proof tools.
Extinguish with water spray or air-powered foam and powders. In case of skin contact, wash the affected area with soap and water, dry, and apply a rich cream.

For industrial and professional use only.

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