



TDS-AS-21610 2K ASCRYL ACRYLIC TOPCOAT DTM PAINT

Product Description: Acrylic-aliphatic isocyanate resin-based, two-component, reaction-drying, glossy polyurethane topcoat containing zinc phosphate, with very high color and gloss resistance.

General Usage: It is an advanced paint system with high elasticity, physical and chemical resistance, resistance to ultraviolet rays, permanent brightness and can be used directly in low and medium anticorrosive environments. It is also preferred for exterior iron and steel systems, as it is resistant to chemicals and ultraviolet rays. It is used as a top coat paint that can be applied in high thickness for protection on steel surfaces in corrosive environments. It can be recommended as a DTM paint system for "Direct Metal Surfaces" in C2 low corrosive and C3 medium corrosive environments. It can be applied to containers, gas tanks, machinery, exterior parts such as wrought iron and bridges.

Technical Specifications

Density: 1.25-1.35 g/ml (Metallic colors 1- 1.10 g/ml)

Solids % : Volume : 50-60

Viscosity: 90-100 KU

Application viscosity: 20-25 sec (5-10% with acrylic thinner, 20oC)

Gloss : 75-85 Gloss

Yield Resistance: min 16 mills (400 micron wet film) thickness

Coverage Area: 4-6 m2 /lt consumption for 100 micron dry film thickness.

9-11 m2 /lt consumption for 50 micron dry film thickness.

	POWDER DRY	TOUCH DRY	FULL DRY
DRY TIME 20C	20-30 dk	2-4 saat	4-6 saat 20°C 30 dk 80°C

Application: Oil, rust and dirt on the surface are thoroughly cleaned with cleaning thinner. 7 parts paint by volume and 1 part hardener are given. (10:1) by weight. It can be brought to the desired thickness with 5-10% Acrylic Thinner and applied directly to the unprimed surface or it can be applied to the epoxy primer-interlaced surface. The wet film thickness is 180 microns in a single layer, or it is applied in 2-3 layers by waiting 10-15 minutes between layers. Application should be made with air or airless pistol and airless. In low and moderate corrosive environments, it can be applied directly on the rusty surface without a primer. Primer or undercoat should be used in more highly corrosive environments. It should take 1 week for the reaction to dry and to fully achieve its physical strength. Apply only to a dry and clean surface with a temperature above the dew point to avoid condensation. Minimum temperature for curing: -10°C/14°F

Be aware of the risk of ice on the surface at and below freezing point, which will prevent adhesion.

Film formation during the application period after light rain, high humidity and/or

may be adversely affected by condensation: (24 hours, 20°C/68°F)