



Product Description

Alkyd Aluminum Top Coat is an one component alkyd paint containing aluminum pigment with heat resistance property more than other types of alkyd coatings and also good abrasion resistance .this coating is not suitable for immersion and should not be used in alkaline conditions.

Recommended Use

This coating(in alkyd system) is used for interior and exterior structures in semi- industrial environments above water and it is recommended for apply on steel ,machinery parts, pipes ,tanks .It is not designed for application over epoxies or polyurethanes and should not be applied over zinc based primers because of adhesion loss.

Surface Preparation

1: All surface to be coated should be clean, dry and free from contamination prior to paint application, all surfaces should be assessed and treated in accordance with ISO 8504: 1992.

2: To follow of interval coating of prior paint, areas of breakdown, damage etc., should be prepared to the specified standard (e.g. Sa2 1/2(ISO 8501-1:1998) or SSPC-SP6) and patch prior paint to the application of Alkyd Aluminum Top Coat.

Product Description

Shade :	Silver
Percentage of Pigment:	20%-22%
Volume solids :	55%±2%
Dry film thickness:	40-50 μ
Wet film thickness:	80-120 μ
Theoretical spreading rate:	8-12 m ² /kg
Thinner:	Alkyd Thinner
Shelf life:	12 months
Specific gravity :	0.9-1.1Kg/Lit
Viscosity:	95-105 k
Salt spray chamber test:	100 h
Humidistatic chamber test:	100 h

Temperature	Touch dry	Full cure	Interval coating
15°C	4-5 hours	Minimum 7 days	12 hours
25°C	4-3 hours	7 days	10 hours
40°C	3-2 hours	5-7 days	6 hours

Environmental Conditions

To prevent moisture condensation during application surface temperature must be at least 3 °C above the dew point .In hot climate, material temperature should be 20 to 25°C.For satisfactory cure air and surface temperature must be above 10°C.Never apply coatings under reverse environmental condition .Paint shall not be applied when wind speed is in excess of 7 m/s.





Application Details

Airless spray	Tip range: 0.013-0.019 Total out put pressure at spray tip not less than 141 bar.
Air spray	Nozzle orifice:1.8-1.2 mm Nozzle pressure:2-3 bar
Brush	20-25μ (touch up)
Roller	20-25μ (touch up)

Application Procedure

- 1: Flush all equipment with recommended cleaner before use.
 - 2: Stir the product thoroughly with power mixer.
 - 3: For air spray, thin with no more than 5% of recommend thinner for workability for airless -spray 3-5% of thinner is normally sufficient.
 - 4: Apply wet coat by parallel passes overlap each pass 50% to avoid bare areas.
 - 5: Double coat all welds, rough spots, sharp edges, rivets, bolts, etc.to ensure proper thickness.
 - 6: If the recoating time of this coating is exceeded and greater thickness of this coating is required, the surface must be smoothly wire brushed.
- Note: Before recoating after expose in contaminated environment, clean the surface thoroughly by (high pressure) fresh water hosing and allow to dry.
- 7: Clean all equipment with recommend cleaner immediately after use.

Safety

This product is flammable keep away from heat and open flame operator (accordance MSDS of this product) must use special mask and safety gloves and operation should be performed in environments which is equipped with suitable air conditions.

Storage Conditions

Store in closed container and away from direct sunlight at temperature of 5-35 °C.

