



Product Description

Alkyd Intermediate Coat is an one component alkyd paint with good resistance to abrasion agents .This coating is not suitable for immersion and should not be used in alkaline conditions.

Recommended Use

This coating (in alkyd systems) is used for interior and exterior structures in semi- industrial environments above water .Also 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 primer, 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 primed prior to the application of Alkyd Intermediate Coat.

Product Description

| | |
|------------------------------------|------------------------------------|
| Shade: | RAL color |
| Glossy: | Matt |
| Percentage of Vehicle: | 49%-52% |
| Percentage of Pigment & extender : | 47%-50% |
| Percentage of Volume solids : | 50%-55% |
| Wet film thickness: | 100-110µ |
| Dry film thickness: | 50µ |
| Theoretical Coverage: | 4-5 m ² /kg |
| Specific gravity : | 1.4-1.5Kg/Lit |
| Viscosity: | 100-110 k |
| Thinner : | Alkyd Thinner Rangin Zereh Sepahan |
| Shelf life: | 12 month |
| Flash point: | 30°C |

| Temperature | Touch dry | Full cure | Interval coating |
|-------------|-----------|----------------|------------------|
| 15°C | 4-5hours | Minimum 7 days | 10-12hours |
| 25°C | 2-3hours | 7 days | 6-8 hours |
| 40°C | 1-2hours | 5-7 days | 4-5hours |





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:1.8-2.0 mm Nozzle pressure:2-4 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 5-10% of recommend thinner for workability for airless -spray 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 minimum interval coating of this coating is exceeded, roughening of the surface is necessary to ensure inter coat adhesion.
- Note: Before recoating after exposure 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.

