



Product Description

Alkyd Bitumen Primer is an one component alkyd bitumen primer containing modified tar as primer in alkyd systems. It is not resistance to petroleum product alkali, aliphatic and aromatic solvents.

Recommended Use

This coating is used for protection steel structures in wet soil for example anchor of ship.

Surface Preparation

1: Apply the paint only clean and dry surfaces .Remove all grease, oil soluble contaminants and other detrimental foreign matter by solvent cleaning (SSPC-SP1).

2: For steel surfaces optimum performance "near white blast cleaning" Sa 2 1/2(ISO8501-1:1988) or (SSPC-SP10) is recommended.

3: For previously painted surfaces, remove all mill scale, loose rust, loose paint and other detrimental foreign matter by "Hand or Power Tool Cleaning " (SSPC-SP2 or SP3, respectively).

Product Description

Shade:	Black
Volume Solid:	50%-55%
Weight Solid:	65%±2%
Dry film thickness:	60-70 µ
Wet film thickness:	115-145µ
Specific gravity :	1.1-1.4 Kg/Lit
Shelf life:	12 month
Theoretical Coverage:	6.8-8.6 m ² /kg
Thinner :	Alkyd Thinner Rangin Zereh Sepahan
Flash point:	30°C

Temperature	Touch dry	Full cure	Interval coating
15°C	9-11hours	Minimum7days	24-36hours
25°C	5-7hours	7 days	Minimum24 hours
40°C	3-4hours	7-5 days	16-24hours

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: 0.017-0.021 Total out put pressure at spray tip not less than 141 bar.
Air spray	Nozzle orifice:1.8-2.2 mm Nozzle pressure:3-5 bar
Brush	30-40μ (touch up)
Roller	30-40μ (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 5-7% of recommended thinner for workability for airless -spray 5% of thinner is normally sufficient.
 - 4: Apply a 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 interval coating of this coating is exceeded, roughening of the surface is necessary to ensure inter coat adhesion.
- 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.

