

METALKOTE ALKYD PRIMER AP-291

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METALKOTE ALKYD PRIMER AP-291 is a fast dry alkyd primer effectively used for all types of steel constructions and steel components in rural and moderates industrial environment. This product has high quality anti corrosion protection in conjunction with the top coat for light duty exterior application. It is easy to apply, fast dry, and has good adhesion on metal substrates.

FIELD APPLICATION

Steel construction and steel component for corrosion category C1 to C3 low (according to ISO 12944).

FEATURE & BENEFIT

1. Fast dry
2. Good adhesion on metal substrates
3. Good corrosion resistance, Salt Spray Test 500 hrs (DFT = 60mic)
4. Easy to apply

PRODUCT SPECIFICATION

Type : One component alkyd primer
Finish : Matt
Volum solid : 55 ± 2 %
Specific gravity : 1.40 ± 0.04 g/cc

APPLICATION

Substrate : Iron Mild, Steel
Application condition : 25 - 35°C, 60 – 80% RH
Application method : Air spray Brush/Roller
Thinning ratio by weight : 35 % 15 %
Thinner : Thinner B
Wet film thickness : 110 microns
Dry film thickness : Minimum 60 microns
Re-coating interval : Minimum 4 hours (30°C)
Maximum 3 months (30°C)
Theoretical coverage : 6.5 m²/kg (DFT = 60 microns) before thinning

FILM PROPERTIES

Drying time : Surface dry = 10 – 20 minutes (30°C)
Hard dry = 3 – 4 hours (30°C)

OTHERS

Storage Stability : Two years if it is stored in cool and dry place, also in its original not opened package. (Do not store below freezing point)

SURFACE PREPARATION

1. All surfaces should be clean, dry and free from contamination.
2. Oil or grease should be removed by solvent cleaning or industrial detergent.
3. Remove the rust with wire brush, sand paper, rust converter ROST X-10.
4. Provide adequate ventilation during application and drying.

INSTRUCTION FOR USE

Prepare one mixture (A+Thinner) as much as needed for application.

First, stir well ALKYD PRIMER AP - 291, then add Thinner B and mix until homogen. Apply mixed material using conventional spray. To achieve a smooth surface use a good quality brush or roller. Provide adequate ventilation during application and drying.

RECOMMENDED COATING SYSTEM

Preceding coat : -
Subsequent coat : ALKYD TOP COAT SYNTHETIC 2000 / ZEBRA SYNTHETIC

SAFETY PRECAUTION

Avoid contact with the skin and eyes. Wear suitable protective clothing such as overalls, goggles, dust masks, and solvent resistance gloves. Use barrier cream.

This product is flammable. Subject to spontaneous heating. Do not smoke. Use only explosion proof equipment. Do not breathe the vapor of spray. Ensure adequate ventilation and fresh air entry during application and drying. If there are experiences eye watering, headaches, dizziness or difficulty breathing, leave the area to obtain fresh or respiratory protection.

FIRST AID

Eye contact : Rinse immediately with plenty of water for at least 15 minutes; seek medical advice
Skin contact : Wash with soap and water. If irritation occurs, seek medical advice
Ingestion : Provide symptomatic treatment and seek medical advice
Inhalation : Remove person to fresh air. Keep patient rested and give artificial respiration

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