



JP Roof Coating 11-700

Product Data Sheet

Product Description: JP Water Proof Roof Coating is a water based single component elastomeric waterproofing material based on Styrene acrylic resins. It is highly UV resistant, reduces heat inland effect. It provides a seamless waterproofing membrane with very high flexibility for concrete slabs and metal roofs.

Area of Use: Recommended as a waterproofing membrane for concrete roof slab including asphalt, single-ply and metal roofing. Also for waterproof of roof seams, penetrations, and local repair of existing roof.

| PHYSICAL CONSTANTS | |
|----------------------|---|
| Colour | As per Color Card |
| Appearance | Matt |
| Solid Volume | 70% |
| Theoretical Coverage | 17.5 M ² per liter @ 40 micron DFT |
| Density | 1.45 Kg/liter |
| Touch dry | 6-8 hours |
| Full Cure | 24 hours |
| VOC | 380 g/l |

| APPLICATION DETAILS | |
|-------------------------|------------------------------|
| Application method | Brush, Roller, Airless Spray |
| Thinner | Fresh Water to clean tools |
| Thinner % | No thinning |
| Airless nozzle orifice | .015" to .017 |
| Airless nozzle pressure | 2100 psi |
| Recommended DFT | 400 microns |
| Corresponding WFT | 575 microns |
| Pot life | NA |

Note: The paint shall be thoroughly mixed prior to application. Practical spreading rate/consumption will vary and is influenced by the porosity and nature of the substrate, micro-environment, application method and workmanship.

Application Conditions: Application temperature above 5°C and humidity below 85%. Adequate ventilation to be provided during application and drying. Do not apply in severe weather conditions.

Surface Preparation and Application:

The concrete plastered shall be fully cured. Remove dust, loose material and any other contamination. Roughen the surface for mechanical key by abrasive sweeping or acid etch or mechanical grinding. If acid etching is used, surfaces should be thoroughly washed afterwards with clean water to remove any residue then allowed to dry to below 12% moisture content. Porous surface to be sealed with a diluted coat of JP roof coating. Seal to watertight around projections, inside and outside corners, gutters, parapet walls, all screws, seams, skylights, pipe penetrations, protrusions and any areas where water could enter through the roof with additional reinforcement with a 10 cms fibre mesh embedded in the roof coating prior to application on entire roof area. On metal surface remove rust and apply an anticorrosive primer.

Preceding Coats : Diluted roof coating or suitable JP primer for different surfaces

Subsequent Coats: By itself according to specifications.

Storage: Follow local legislation for storage. Avoid storage in direct sunlight preferably covered area with maximum temperature of 40°C and not below 5°C, protect from rain.

Shelf Life: 2 years when stored in shaded spaces.

Safety : Observe all safety labels on packaging and paint containers during application. Follow Material Safety Data Sheets and all local or national safety regulations. Application should be done only in well ventilated areas. Take precautions with contact with skin, eyes, inhalation. Take precautions against possible risks of fire or explosions and protect the environment. For professional use only.