



دهانات جدة
Jeddah Paints
Since 1983

JP Epoxy Hi Build 75-100

Product Data Sheet

Product Description: JP Epoxy Hi Build is two component epoxy barrier high build coating for steel and concrete as an intermediate or finish coat in atmospheric service. Has good abrasion resistance when used as floor coating.

Area of Use: For application as an intermediate or finish coat over structural steel, tank and vessels external surface, pipelines and other such surfaces and as a floor coating for concrete floors, for moderate traffic areas.

PHYSICAL CONSTANTS

Colour	Grey, off white other shade possible
Appearance	Semi-gloss
Solid Volume	87%
Theoretical Coverage	8.7 Square meter/liter at 100 micron
Density	1.6 Kg / liter
Touch dry	6 to 8 hours at 20° C.
Full Cure	7 days at 20° C
Flash Point	25° C closed cup
VOC	76 g/l

APPLICATION DETAILS

Application method	Airless spray touch up brush
Thinner	Epoxy thinner
Thinner %	5% for airless, 10 % for roller
Airless nozzle orifice	.021" - .023"
Airless nozzle pressure	2700 psi
Recommended DFT	100 to 200 micron
Recommended WFT	115 to 230
Mixing ratio	14 Kg Base : 3 Kg Hardener
Pot life	90 minutes at 20° C.

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: New Steel – Remove all contaminant detrimental to paint, oil and grease is removed using a emulsifier, salt is removed with fresh water wash and dust is removed by blowing off. For concrete ensure that the concrete is fully cured free of dust dirt loose material or other contaminants. Abrasive sweep or mechanically roughen the concrete to provide a key for adhesion. Preferred application method is by airless spray. Brush application for small area and touch up. It can also be applied by roller.

Preceding Coats : JP Epoxy Primer or JP Epoxy Intermediate coat.

Subsequent Coats: As per specification.

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.