Wellcoat Paints®

Manufacturer of Paints

Wellcoat Paints

Product Data Sheet

Industrial Coatings

WELLGUARD EPOXY 150 HB MIO PRIMER

PRODUCT

A high build two pack MIO pigmented epoxy primer with excellent water & chemical resistance. The product is very effective in marine & corrosive chemical environment. It has outstanding abrasion resistance & conforms to BS 5493 when used in combination with Wellguard epoxy / polyurethane top coats. It has excellent wear resistance & exterior durability.

FEATURES

As an anticorrosive primer & intermediate coat on steel structures in on shore & off shore environment. Presence of MIO makes the product very suitable in corrosive environment like exterior of gas & oil transporation pipe line.
The product can withstand dry heat up to 130°C.

RECOMMENDED USE

On steel surface, machinery, tanks, pipes, etc.., to protect from corrosive environment. For On shore and off shore area.

SPECIFICATION & OTHER INFORMATION

Finish	: Smooth
Colour	: Grey, Red Oxide
Gloss	: Matt
% Volume Solid	: 60±2
Recommended D.F.T.	: 90-110 Microns
Recommended W.F.T.	: 150-180 Microns
Theoretical Coverage	: 6-8 m^2 / Ltr.
Thinner /Cleaner	: Epoxy Thinner WT-4
Mixing Ratio (By Volume)	: Base (Part-A) : Hardener (Part-B) -- 4 :1
Pot Life	: 4 Hours
Application Method	: Roller, Brush, Airless Spray, Conventional Spray
Conventional Spray	: Tip Size -1.80 mm -2.20 mm (0.071-0.87 in) pressure -40-50 psi (2.75-3.45 kg/cm2)
AIRLESS SPRAY	: Tip Size -0.38 mm -0.43 mm(0.015-0.017 in) Pressure -1600-2300psi (110-160kg/cm2)
Drying Time @30° C	: Surface Dry -45 Minutes Tack Free Dry -5 Hours Full Cure -7 Days Recoating Time (Minimum) -5 Hours Recoating Time (Maximum) -3 Months
Pack Size	: 3.5 Ltr, 20 Ltr.

Practical Coverage :

Practical Coverage would depend on surface profiles, application skill & method, losses in containers & equipment. In case of application over textured surfaces, the practical spread rate would be less due to the profile of the texture.

APPLICATION CONDITION :

Apply this product only if Relative Humidity is less than 90% and substrate temperature is minimum 10° C & above 3° C of the Dew point.

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SURFACE PREPARATION & SYSTEM

For unpainted surface

- Surface should be clean from all dust, rust, wax, oil, grease, loose particles, flakes and other contaminants.
- Abrasive blast cleaning of substrate should meet minimum standard of SSPC-SP-10 or Swedish Standard Sa 2 1/2 – SIS 05 5900 or ISO- 8501 : 1988.
- After abrasive blast cleaning, remove dust from the surface.
- Recommended surface profile is 25 microns and it should not exceeds 40 microns.
- Surface to be recoat should clean thoroughly before application.

STORAGE & HANDLING

Storage & Disposal	: Store in cool, dry condition & dispose by controlled land fill as per requirement of statutory authority. Don't empty into drains sewers or other water courses. Avoid part use from the Hardener pack & never keep the lid of Hardener pack open.
Flash Point	: 24^0 C
Shelf Life	: Upto 12 months under sealed condition.

SAFETY PRECAUTIONS & FIRST AID

- Avoid contact with the skin and eyes. Wear suitable protective clothing such as Overalls, goggles, dust mask and gloves. Use a barrier cream.
- Ensure that there is adequate ventilation in the area where the product is being applied.
- Do not breath vapour or spray.
- This product is flammable. Keep away from sources of ignition. Do not smoke. Take carbon-dioxide or dry chemicals.
- In the event of accidental splashes, flush eyes with warm water & wash skin with mild soap and seek quick medical advice. Never use solvent for cleaning the affected areas.
- Inhalation & Ingestion: Remove to fresh air, loosen collar. Don't induce vomiting.
- Refer to MSDS for Details.

DISCLAIMER

The product information sheet is meant for general information of the product. Optimal performance by the product would be achieved on correct selection of paint & painting system, proper surface preparation & application. Unless specifically agreed in writing by us we won't be responsible for 100% performance of the product.

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