Epoxy Primer- Product Data Sheet

Production Description:

A two-pack epoxy primer containing non-toxic pigments. It is a specially designed primer to meet the requirements of industrial and marine environments. This primer can be top-coated with suitable undercoats and finishes based on epoxy and polyurethane for maximum protection. Chlororubber finishes are also suitable on this primer.

Application

Structural steel, equipment, conveyors, storage tanks etc. in fertilizer plants, refineries/petrochemical complexes, Hydroelectric projects, Atomic energy establishments and heavy electrical engineering units.

Technical Information:

Colour Range	: Grey & other Standard colours
Chemical Resistance	: Good after finish coat application.
Solvent Resistance	: Good.
Toxicity	: Dry film is not toxic
Thinning & clean up	: Epoxy Thinner. Up to 10% thinner may be necessary depending on method of application and climatic conditions.
Theoretical Coverage	: 12.5 sq. m. / litre at 40 microns DFT. Practical coverage may depend on surface profile, method of application and losses. Higher film thickness will lead to lower coverage.
Drying Time (at 25^0 C & RH 60%)	: Touch dry: 1 - 2 hours. Recoat: 16 hours. Cooler temperature, higher film thickness, or higher humidity conditions will require longer drying times.
Mixing Ratio	: 3: 1 (by volume)
Pot life (at 25^0C)	: 6 - 8 hours.

Method of Application

Can be applied by spray, brush, or roller. Please use the method **best** suited to your requirement and skill. The use of either a synthetic sleeve of 10-mm nap or foam Sleeve, both with phenolic cores on a smooth surface is recommended.

For airless application, use optimum pressure of 2200 psi with tip size 0.015 - 0.017 inches is suggested as guideline.

Directions for use

Surface Preparation:

Blasts clean the steel to minimum SA 2. If blast cleaning is not practical, use abrasive power tools to remove rust completely. Ensure that surface to be painted is free from oil, grease and other contaminants before priming.

Application: Stir the contents of base thoroughly before mixing with hardener in recommended ratio .Mix the two together and allow maturation for 15 minutes. Add recommended thinner in desired proportion. Apply uniformly ensuring adequate film build up.

Flammability & Transport

Highly flammable, Dangerous Goods Class 3.2. Flash Point 18^0 C, UN 1263, PG III

Safety & Precautions

- Do not apply when surface temperature is below 10^0 C
- Do not expose primed surface to aggressive environment before top coating.
- Please refer to the Material Safety Data Sheet before using this primer.

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