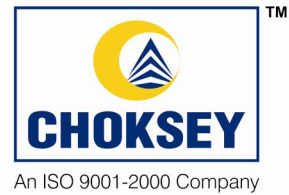


□ MASTERCOAT EP 44

POLYAMIDE-CURED LOW-BUILD EPOXY



DESCRIPTION

A two components polyamide cured Low Build Epoxy design for protection of steel and concrete surface. It forms a hard and tough coating, abrasion; resistance coating in severe marine and industrial environment .this product has excellent resistance to chemicals and solvent fumes, splash and spillage.

TYPICAL USES

As a maintenance coating it protect steel or concrete surfaces against abrasion ,weathering ,splash spillage and fume of alkali and salt solution .it protect against alkali alcohol, jet fuel, salts, solvents, water and many food products. It also use on offshore platform structures and above water area of jackets. It is also application on MS and concrete area of fertilizer plant, chemical units, refineries petrochemicals etc.

RESISTACE GUIDE

CHEMICAL RESISTANCE

Exposures	Splash and spillage	Fumes
Acid	Good	Good
Alkali	Good	Good
Solvent	Good	Good
Salt	Good	Good
Water	Good	Good

SURFACE PREPARATION

Coating performance, in general, is proportional to the degree of surface preparation. Surface must be clean, dry and free of all contaminants. Blast clean to a minimum of Sa2 ½ Swedish Standard SIS 05 5900. For severe corrosive condition, blast to Sa3 with a surface profile not exceeding 65 microns. Special care must be taken on weld areas to remove flux and spatter.

APPLICATION

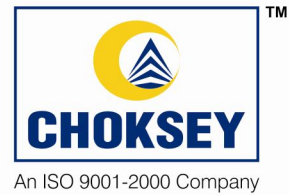
Stir base thoroughly and then mix four (4) parts base and one parts catalyst by volume to uniform consistency .allow the mixture to maturation for 30 minutes and stir again before application and occasionally during use.

Brush/Roller : Apply without thinning. However, if required during application adds up to 5% epoxy thinner.

Conventional Spray : Add unto 10 %epoxy thinner depending on condition .Use any standard equipment at an atomizing pressure of 3.5-4.2 Kg /cm²

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Airless Spray : Apply without thinning. However, upto 5% epoxy thinner may be added if absolutely essential depending on conditions. Use any standard equipment.

PRODUCT DATA

Mixing Ratio	: Base 4 parts by volume and Curing agent 1 parts by volume
Pot Life	: 3-4 hrs at 30°C
Application	: Airless spray/Conventional spray / Brush
Volume solid	: 40%
Recommended DFT	: 40-50 microns
Theoretical spreading rate	
100-125 microns DFT	: 8.0 -10.0 Sq.Mtr/Ltr.
Surface Dry	: 2-3 hrs
Hard Dry	: Over night
Fully cure	: 7 days
Colour	: White
Finish	: Semi glossy
Overcoat Interval Min	: Over night
Max	: 5 days
Flash Point	: Above 22°C
Packing	: 20 Ltr.
Thinner/ Cleaner	: Epoxy thinner
Storage life	: 12 months as long as the sealed containers kept under cover in a dry place under normal temperature conditions.