

MASTERCOAT EP 250 N

EPOXY RESIN BASED CHEMICAL RESISTANT

DESCRIPTION

MASTERCOAT EP-250-N is a solvent free two pack high build epoxy resin system specially designed for high chemical resistance situations.

FEATURES / ADVANTAGES

- Solvent free and durable coating.
- Excellent adhesion
- Can be easily applied by brush or roller
- Abrasion resistant
- It has excellent chemical resistance over wide range of chemicals.
- High build Epoxy Resin system can be applied to get 250-300 microns thickness in two coats

TYPICAL APPLICATION

- For lining effluent tanks, chemical storage tanks etc.
- Chemical resistant floors.
- Walls of battery rooms & chemical industries etc.
- Heavy oil spillage areas of chemical and mechanical industrial floors.

TYPICAL CHARACTERISTICS

Pot Life	: 45 min. at 30°C
Track free time	: About 4 to 6 hrs at 30°C
Initial cure	: 24 hrs at 30°C
Full cure	: 7 days at 30°C
Over coating time	: 24 hrs.

DIRECTION FOR USE

SURFACE PREPARATION

The surface has to be dry & free from loose particles. This can be achieved by grit blasting or sand blasting or grinding and water jetting. The surface should not have moisture content of more than 4%. The surface should not contain any laitance, grease, oil or any other contamination. Use Choksey's Masterklean range of products for the same. For leveling the substrate use epoxy putty or mortar. When applying on steel surfaces they should not be sand or grid blasted. Small areas can be cleaned with wire brush.

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PRIMING

A primer coat of Masterprime 52 a solvated primer should be given while coating Mastercoat EP-250-N on floors. Masterprime 52 will give a coverage of about 6 Sq.Mtr./kg.

MIXING

The pre-weighed ready to use components of Mastercoat EP-250-N are mixed thoroughly with a mechanical stirrer with rpm of 300-350. The mixing should be done till we get a homogenous color of the mixed material.

APPLICATION

The material is applied on well prepared surface by a standard paintbrush, good quality lamb wool roller or sprayed with airless spray equipment. Care should be taken to ensure continuous film and proper material consumption.

COVERAGE

The coverage will be 2.5 to 3.5 m² / kg per coat.

STORAGE AND SHELF LIFE

Life 1 year, store the material at a cool and dry place (at 25⁰C)

CLEANING OF TOOLS AND EQUIPMENTS

Clean with Choksey's Masterklean SOL.

PACKING

1 kg & 5 kg.

PRECAUTIONS

Mastercoat EP-250-N should be applied with gloves and care should be taken to see that it does not fall on eyes. Splashes on to the skin have to be clean only with plenty of water only and medical advice has to taken.