

MASTERCOAT EP 175 EPOXY HIGH BUILD FLOOR COATING

DESCRIPTION

MASTERCOAT EP 175 is a solvent free system based on Epoxy resins, elastomer and curing agents specially selected for their ability to withstand chemical attack. It is supplemented with non -slip aggregates and is available in the range of colors viz. silver grey, green, sky blue, cream & many other color shades.

FEATURES / ADVANTAGES

- It is durable with low maintenance costs.
- Available in a wide range of colors.
- To improve the working environment and identify slip hazard areas.
- Impervious finish provides early clean surface.

TYPICAL APPLICATIONS

MASTERCOAT EP 175 provides high build, hard wearing, chemical and abrasion resistant floor finish. It can be used as slip resistant coating in wet areas where a high degree of chemical resistance is required e.g. breweries, dairies, soft drink production plants etc.

TYPICAL CHARACTERISTICS

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|------------------------------------------|------------------|
| • Nature | : Two component |
| • Pot life at 30°C | : 30 –40 minutes |
| • Curing time at 30°C | : 16 –18 hours |
| • Maximum time between two coats at 30°C | : 18 –20 hours |
| • Light traffic use after 30°C | : 24 hours |
| • Full traffic use after at 30°C | : 48 hours |

Below 20⁰ C these timings may be increased

DIRECTIONS FOR USE

SURFACE PREPARATION

The adhesive bond achieved between the flooring material and the substrate is important for the long term durability of any resin floor system therefore the substrates are correctly prepared prior to application.

NEW CONCRETE OR CEMENTITIOUS SUBSTRATES

Should be at least 28 days old and give a hygrometer reading not exceeding 75% R.H. when tested in accordance with BS 8203 Appendix A. The floor should be sound and free from

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contaminations such as oil and grease, mortar and paint splashes or curing compound residues before coating with MASTERCOAT EP 175.

OLD CONCRETE

Floors where deep seated contamination has occurred mechanical methods such as blasting, grinding or scrubbing should be used to provide a suitable clean surface for MASTERCOAT EP 175 application.

For further details contact the CHOKSEY'S TECHNICAL SERVICES DEPARTMENT.

MIXING

Mix with a slow speed drill with paddle mixer to mix the base and hardener for at least 5 minutes. Mix these components in quantities supplied taking care to ensure all containers are scrapped clean. Do not add solvents or thinners.

COATING

The coating should be applied using a medium pile roller or a squeegee to achieve a continuous coating.

COVERAGE

Mastercoat EP 175 pack covers approximate 3 – 4 m² per kg at the wet film thickness of 175 – 200 microns per coat. Density is 1.25.

CLEANING OF TOOLS AND EQUIPMENT

Tools and equipment can be cleaned immediately with solvents like Xylene, Toluene and Acetone etc.

STORAG AND SHELF LIFE

Shelf life is 12 months if stored in below 35⁰C and 50% R.H.

PACKING

5 Kgs

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PRECAUTIONS

Use gloves while application.

If mixed resin comes in contact with the skin, it must be removed before it hardens, with a resin removing cream followed by washing with soap and water, do not use solvent.

In any case of eye contamination, wash well with plenty of water and seek medical advice.