



DEUPOXY SB - 700

(Epoxy coating Solvent Based 2 Pack)

DESCRIPTION

DEUPOXY SB - 700 is a formulation of special epoxy and polyamide resins based coating. **DEUPOXY SB - 700** is composed of liquid epoxy resin, hardener, chemical resistance pigments, selected fine fillers, solvents and many additives.

USES

DEUPOXY SB - 700 ideally suitable for floor top coating and can be used as anti-corrosive coating for metal surface. Resists effectively the attack of dilute acids, alkalis and water at ambient temperature. Corrosion resistance of this coating is excellent.

DEUPOXY SB - 700 is used for parking areas, apartments, halls etc.,

Ideally suitable for:

- 1) Production assembly areas.
- 2) Workshops.
- 3) Dairies.
- 4) Soft drink production (Bottling place)
- 5) Showrooms.
- 6) Departmental stores
- 7) Gymnasiums
- 8) School

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TECHNICAL DATA

Base	:	Epoxy / polyamide resin combination
Appearance	:	Flow able liquid
No. of components	:	2
Pot life after mixing at 30°C:		Approx. 4 hours
Drying time at 30°C	:	Dust dry : approx. 1 hour Hard dry : approx. 6 hours Next coat : after 6 hours
Full cure	:	10 day at 20°C and 7 days at 35°C
Flash point	:	26°C
Solid Content	:	70%

APPLICATION DATA

Application method	:	Airless spray, air spray, brush and roller
Airless spray data	:	Nozzle 0.011", pressure 250 psi
Type of thinner	:	Thinner 200 if required
Percentage of thinner	:	Airless spray : 5% max. by volume. Air spray : 15% max. By volume. Brush and roller : 10% max. by volume.
Dry film thickness	:	300 microns (2 coat)
Theoretical coverage at 150 microns DFT	:	4 – 5 m ² / litre.
Coverage depends on the surface	:	: 2 coat application recommended.

SURFACE PREPERATION:

Surface should be clean and dry substrates in order to achieve maximum adhesion. Because **DEUPOXY SB – 700** is a relatively thin coating, the substrate must be fine textured. Any surface irregularities may show through causing excessive sear on high spots and changing the perceived color of coating.



New concrete floors

Unless otherwise agreed by the engineer, the floor should have been placed for at least 28 days and have a moisture content of less than 5%. Floors should be sound and free from contamination such as oil and grease, mortar and paint splashes or curing compound residues. Excessive laitance can be removed by the use of mechanical methods. Dust and other debris should then be removed by vacuum cleaning.

Old concrete floors

A sound, clean substrate is essential to achieve maximum adhesion. As for new concrete floors, dry removal of laitance by use of mechanical methods is preferable. Oil and grease penetration should be removed by a proprietary chemical degreaser or by hot compressed air treatment.

Steel substrates

Steel substrates should be grit blasted to surface quality SA 2½ (BS 4232: Second Quality) and primed with a single coat of **DEUPOXY Primer** sealer. Any damaged areas or surface irregularities should be repaired using one of the **DEUPOXY Putty**.

MIXING:

Epoxy base is pre-packed in a drum to which 1 gallon hardener should be added and thoroughly mixed for 5 – 10 minutes. Brush or Air Spray Application: Apply coat each of 150 micron wet film thickness of **DEUPOXY SB – 700**. Time interval between the two coats should be at least 6 hours.

PACKING:

DEUPOXY SB – 700 is available in 20 ltrs. Pre-packed in Plastic pail (Base) and (Hardener) in Gallon



NOTE :

All information is given in good faith on the results gained from experience and tests. However, all recommendations or suggestions are made without guarantee since we don't have any control on site conditions and its uses.

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