

BUILDPRIME – P8

Epoxy Primer for BUILDPOXY products

DESCRIPTION : BUILDPRIME – P8 is a low viscosity, two pack epoxy primer. It is used specifically as a primer coat for all BUILDPOXY products to block work, brick, asphalt, renderings, stone, floating screeds, asbestos, cement, wood, concrete and mortar. It can be applied in dry or slightly damp conditions. Packs A & B are pre-measured quantities of Resin and Hardener, and need only mixing at site.

FEATURES

- ❖ Easy to apply by conventional sprayer
- ❖ Outstanding resistance to water, weather and abrasion
- ❖ Excellent adhesion
- ❖ Reliable – produced under rigid quality control – quality never varies

APPLICATION

Surface Preparation : Cement mortars and concrete should be fully cured, i.e. at least 21 days at 25°C and above and 42 days old at 10°C to 15°C. All surfaces must be sound, clean and bone dry with moisture content less than 5% before proceeding with epoxy primer. The surfaces must be totally free of contaminants, such as chemicals, dust, oil, grease etc. Concrete, mortar and stone surface must be thoroughly prepared to remove any surface dust and friable material. Surfaces may be best prepared by sand blasting or etching with acid.

Mixing : Mix all of pack A (base) with all of Pack B (hardener) for 2 – 3 minutes until it is smooth with spatula or drill or paddle. Packs A & B are pre weighed and should be used in full quantity. Lay the primer using a stiff brush or roller. Excess applications should be avoided. For flooring, leave the primer to dry overnight.

Cleaning : If the material is soft, use solvent for its removal. If it is hard, remove it mechanically

TECHNICAL DATA

Colour	:	Transparent
Density	:	1.06 ± 0.01 kg/ltr
Viscosity	:	2 - 4 poise
Minimum application temp.	:	5°C
Compressive strength kg/cm ²	:	600
Flexural strength kg/cm ²	:	300
Tensile strength kg/cm ²	:	250
Temperature resistance	:	57° C (cured material)
Mix proportion	:	100 : 15 Resin - 1 part by weight Hardener - 0.8 part by weight
Bond strength	:	Failure, if any, occurs at concrete but never at bonded joints
Pot life at 30 °C	:	45 minutes
Tack time	:	8 hours
Full cure	:	7 days
Coverage	:	4 – 6 sq.mtrs. per kg., depending on the surface texture and porosity.
Shelf life	:	12 months in sealed containers
Storage	:	Keep it in a cool place
Health and safety	:	Keep away from naked flame. Do not smoke while using. Handle with care.