

FFD ALL PURPOSE EPOXY RESIN PRIMER

PRODUCT DESCRIPTION

FFD All Purpose Epoxy Resin Primer is a high quality, undiluted, solvent free 2 component, epoxy resin. It is a primer, sealer and binder, which by the addition of aggregates produces levelling coats, coloured screeds, coving and mortars. **FFD All Purpose Epoxy Resin Primer** is non taint, solvent and phenol free.

AREAS OF USE

FFD All Purpose Epoxy Resin Primer has been used for many years to produce durable, hygienic and protective surfacing of concrete floors and many other rigid surfaces. Used extensively in the food, aviation, engineering, electronic, chemical, and printing industries. **FFD All Purpose Epoxy Resin Primer** is smooth or may be finished as a slip resistant finish.

PROPERTIES

- Oil resistant primer
- Suitable for vertical applications
- Durable
- Smooth or Slip resistant
- Load resistant in 24 hours
- Suitable for logos and designs
- Chemically resistant
- Application to all kinds of surface
- Taint free

METHOD OF APPLICATION

PREPARATION

The substrate should be sound and of good strength, the surface should be dry and free from contamination i.e dust, chemicals or other coatings. Oil should be treated with degreaser or hot flame to remove surface residue before application. The substrate should be textured mechanically to achieve a good key. The substrate must have a moisture content of less than 4% and have an effective damp proof membrane.

If the surface is very uneven a levelling scrape coat comprising mixed **FFD All Purpose Epoxy Resin Primer** and fine quartz sand should be applied.

MIXING / APPLICATION

Thoroughly mix **FFD All Purpose Epoxy Resin Primer** by adding the contents of the hardener container to the base container and mix using a slow speed drill and paddle.

Apply the mixed resin immediately to the floor or into aggregate for further mixing.

For sealing purposes the second coat is applied 12 to 24 hours after the first and the third coat is applied 12 to 24 hours after the second.

To achieve a slip resistant finish, sprinkle anti-slip aggregate into the second coat of resin to the desired level of resistance, allow this to cure overnight, remove excess and loose aggregate and apply a further coat to seal in the

aggregate.

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THE ANTISLIP WILL REQUIRE SOME MAINTENANCE.

Best results are obtained when the temperature of the substrate is between 15°C and 25°C,
Minimum application temperature 7°C. Clean tools with **FFDSolvent** before the resin has cured.

TECHNICAL DATA

PACKAGING: **FFD ALL PURPOSE EPOXY RESIN PRIMER** parts A & B 10 Kg UNIT (2 COMPONENTS)

QUARTZ SAND VARIOUS SIZES: 25Kg BAG

COVERAGE: **FFD ALL PURPOSE EPOXY RESIN PRIMER**

PRIMING	0.2Kg/m ²	
	QUARTZ SAND ANTISLIP	2.0Kg/m ²
	ALL PURPOSE RESIN	0.42Kg/m ²
	2 COATS	0.7Kg/m ²
	3 COATS	0.6Kg/m ²

NOTE: *COVERAGE WILL VARY WITH SUBSTRATE NATURE AND APPLICATION METHOD*

THICKNESS: 200 microns – 1mm to suit application

BASE HARDENER RATIO: 2:1 BY WEIGHT

CHEMICAL RESISTANCE:
RESISTANT TO MOST ACIDS, ALKALIS, CLEANING FLUIDS
INKS, OILS AND MANY MORE
(PLEASE CONSULT FOR SPECIFIC REQUIREMENTS)

COLOURS: ALL PURPOSE RESIN CAN BE MIXED WITH VARIOUS
AGGREGATES TO PRODUCE A WIDE RANGE OF COLOURS
TO SUIT

COMPRESSIVE STRENGTH: 60N/mm AT 28 DAYS (DIN 1164)

CURING: FOOT TRAFFIC 12 HOURS

POT LIFE: 20 MINUTES

ADHESION: TO CONCRETE 3 N/mm² TO STEEL (GRIT BLASTED SA 2½)
8N/mm²

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OPERATION & MAINTENANCE: MANUALS AND CLEANING EQUIPMENT ON REQUEST

SAFETY: ALWAYS WEAR SUITABLE PROTECTION FOR EYES, HANDS AND SKIN WHEN HANDLING RESINS.
(FOR DETAILED INFORMATION REFER TO SAFETY DATA SHEETS)

SHELF LIFE: 1 YEAR IN SEALED CONTAINERS STORED IN FROST FREE WAREHOUSE CONDITIONS

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