

FFD DPM PRIMER

PRODUCT DESCRIPTION

FFD DPM Primer is a 2 component, coloured epoxy resin liquid applied surface damp proof membrane. **FFD DPM Primer** is non tainting, solvent and phenol free.

AREAS OF USE

FFD DPM Primer is a formulated system used for immediate installation of moisture sensitive floor finishes onto concretes and screeds which have a moisture content up to 100% RH. Used extensively in the food, aviation, engineering, electronic, chemical, and printing industries.

PROPERTIES

- 2 colours for visual control
- Impervious to water
- Suitable for vertical applications
- Reduces project time-scale
- Smooth or Slip resistant
- Cure in 4-6 hours
- Tolerates up to 100% RH in concrete/ screed
- Easy to apply
- Application to all kinds of surface
- Taint free

METHOD OF APPLICATION

PREPERATION

The substrate should be sound and of good strength, the surface should be dry and free from contamination i.e dust, oil or other coatings. The substrate should be textured mechanically to achieve a good key. The substrate must be surface dry before application.

MIXING / APPLICATION

Thoroughly mix **FFD DPM 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 by roller in two or three coats as required.

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 mechanical key for screed application, broadcast 60 mesh aggregate into the second coat of **FFD DPM Primer** and allow to cure overnight, remove excess and loose aggregate before screed application. If a resin coating or screed is to be applied the sand scatter can be omitted.

For direct bonding to **FFD DPM Primer** the adhesive manufacturer should be consulted to determine if a sanded or un-sanded finish is required.

Best results are obtained when the temperature of the substrate is between 10°C and 25°C,

Minimum application temperature 7°C. Clean tools with a suitable solvent before the resin has cured.

TECHNICAL DATA

PACKAGING: FFD DPM PRIMER	5kg/10Kg UNIT (2 COMPONENTS)
COVERAGE: DPM RESIN	0.5Kg/m ² 2 COATS
NOTE:	<i>COVERAGE WILL VARY WITH SUBSTRATE NATURE AND APPLICATION METHOD</i>
THICKNESS:	300 TO 450 MICRONS
BASE HARDENER RATIO:	4:1 BY WEIGHT
CHEMICAL RESISTANCE:	RESISTANT TO MOST ACIDS, ALKALIS, CLEANING FLUIDS INKS, OILS AND MANY MORE (PLEASE CONSULT FOR SPECIFIC REQUIREMENTS)
COLOURS:	COLOURS TO SUIT
COMPRESSIVE STRENGTH:	60N/mm AT 28 DAYS (DIN 1164)
CURING:	TRAFFIC 6 HOURS
POT LIFE:	30 MINUTES
ADHESION:	TO CONCRETE 3 N/mm ² TO STEEL (GRIT BLASTED SA 2½) 8N/mm ²
OPERATION & MAINTENANCE: EQUIPMENT ON	MANUALS AND CLEANING 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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