

FFD EPOXY MORTAR

PRODUCT DESCRIPTION

FFD Epoxy Mortar is a specially formulated, 3 component, epoxy resin system, which can be applied at a thickness between 5 to 250mm. **FFD Epoxy Mortar** is designed to provide a material of very rapid strength gain and excellent adhesion which is capable of withstanding chemical and abrasive attack. It finishes to a smooth, dust free surface.

AREAS OF USE

FFD Epoxy Mortar is a formulated system used to provide durable repair system to worn, spalled or damaged horizontal, vertical concrete surfaces where rapid return to use is essential. Used extensively in screeding, bedding filler/grout.

FFD Epoxy Mortar is a smooth finish.

PROPERTIES

Three pack system - easily mixed
Load resistant in 4 hours
Sets in 1 -2 hours
Chemically resistant
Applied by trowel
System can be colour matched to suit specific project

METHOD OF APPLICATION

PREPARATION

The substrate should be dry and free from grease, oil or other forms of contamination. The substrate should be roughened to achieve an adequate key for **FFD All Purpose Epoxy Resin Primer**.

MIXING / APPLICATION

Thoroughly mix **FFD Epoxy Mortar** resin by adding the contents of the hardener container to the base container and mix using a slow speed drill and paddle, and then without delay mix the contents of the filler pack until a homogeneous mixture with no dry spots.

Apply the mix immediately to the wet **FFD All Purpose Epoxy Resin Primer** compact firmly into place avoiding trapped air. Finish using a steel trowel, wiping the trowel at intervals with **FFD Solvent**.

Minimum application temperature 4°C.

Clean tools with **FFD Solvent** before the resin has cured.

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TECHNICAL DATA

PACKAGING: FFD EPOXY MORTAR (THREE COMPONENTS) 25Kg

TEMPERATURE RANGE 4°C and 30°C,

COVERAGE: ONE 10Kg PACK WILL COVER 1m² @ 5mm

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

THICKNESS: 5 - 250mm

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

COMPRESSIVE STRENGTH: 65N/mm² AT 7 DAYS (DIN 1164)

AVERAGE COMPRESSIVE STRENGTH IN N/mm²

AGE	4HOURS	24HOURS	7DAYS
STRENGTH	13	40	65

CURING: INITIAL CURE IN 45 MINUTES FULL CURE IN 4 DAYS
FULLY CURED MATERIAL IS
COMPLETELY INERT AND IS NOT CLASSIFIED
AS HARMFUL TO ANY EC REGULATION

POT LIFE: 30 MINUTES

OPERATION & MAINTENANCE: MANUALS AND CLEANING EQUIPMENT ON REQUEST

SAFETY: ALWAYS WEAR SUITABLE PROTECTION FOR EYES, HANDS AND SKIN WHEN HANDLING RESINS AND SOLVENT 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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