

# FFD LIGHT WEIGHT EPOXY MORTAR

## PRODUCT DESCRIPTION

**FFD Light Weight Epoxy Mortar** is a specially formulated, 3 component, epoxy resin system, which can be applied at a thickness between 5 to 250mm. **FFD Light Weight 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 Light Weight 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 overhead bedding filler/grout.

**FFD Light Weight Epoxy Mortar** is 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 Primer**.

## MIXING / APPLICATION

Thoroughly mix **FFD Light Weight 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 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

<b>PACKAGING:</b>	<b>FFD LIGHT WEIGHT EPOXY MORTAR</b>	( THREE COMPONENTS )	5/10Kg
<b>TEMPERATURE RANGE</b>	4°C and 30°C,		
<b>COVERAGE:</b>	ONE 10Kg PACK WILL COVER 1m2 @ 5mm		
<b>NOTE:</b>	<i>COVERAGE WILL VARY WITH SUBSTRATE NATURE AND APPLICATION METHOD</i>		
<b>THICKNESS:</b>	5 - 250mm		
<b>CHEMICAL RESISTANCE:</b>	RESISTANT TO MOST ACIDS, ALKALIS, CLEANING FLUIDS INKS, OILS AND MORE. (PLEASE CONSULT FOR SPECIFIC REQUIREMENTS)		
<b>COMPRESSIVE STRENGTH:</b>	65N/mm2 AT 7 DAYS (DIN 1164)		
<b>AVERAGE COMPRESSIVE STRENGTH IN N/mm2</b>			
<b>AGE STRENGTH</b>	4HOURS 13	24HOURS 40	7DAYS 65
<b>CURING:</b>	INITIAL CURE IN 45 MINUTES FULL CURE IN 7 DAYS FULLY CURED MATERIAL IS INERT AND IS NOT CLASSIFIED HARMFUL TO ANY EC REGULATION.		
<b>POT LIFE:</b>	20 MINUTES.		
<b>OPERATION &amp; MAINTENANCE:</b>	MANUALS AND CLEANING REQUEST. EQUIPMENT ON		
<b>SAFETY:</b>	ALWAYS WEAR SUITABLE PROTECTION FOR EYES, HANDS AND SKIN WHEN HANDLING RESINS AND SOLVENTS. FOR DETAILED INFORMATION REFER TO SAFETY DATA SHEETS		
<b>SHELF LIFE:</b>	1 YEAR IN SEALED CONTAINERS STORED IN FROST FREE WAREHOUSE CONDITIONS.		

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