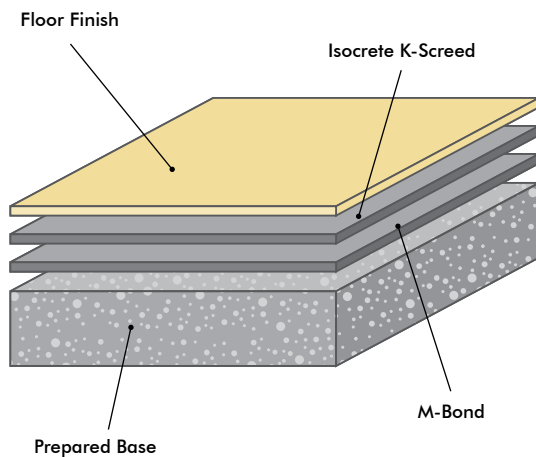
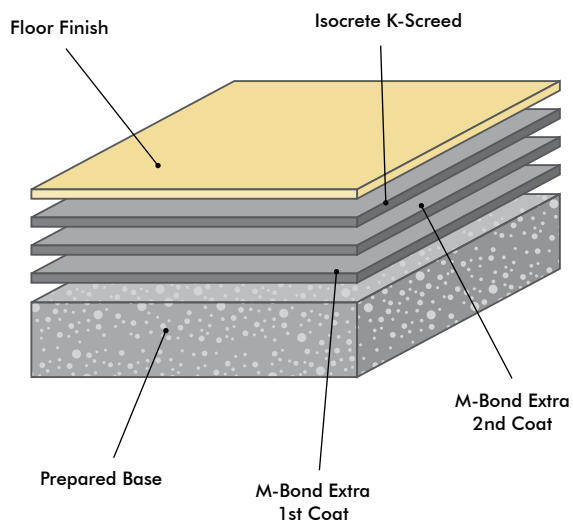


M-Bond & M-Bond Extra

Typical Section Through M-Bond



Typical Section Through M-Bond Extra



Description

M-Bond & M-Bond Extra is a two pack, solvent free epoxy bonding agent for concrete or screeds.

M-Bond is a single coat bonding agent.

M-Bond Extra is a two coat application to provide a damp proof membrane as well as a bonding agent.

Uses

Bonding and damp proofing concrete, cementitious screeds and polymer modified cementitious screeds to concrete, particularly Isocrete K-Screed, Isocrete Fast-K Screed and Isocrete Screedfast.

Benefits

- Advantages of bonded screed construction
- Can be used to provide a full DPM between the concrete and the screed
- Thinner screeds possible
- No reinforcement necessary
- Excellent bond
- Water resistance
- Long open time
- Solvent free, low odour

Project References

Available on request.

Colours

M-Bond: Red

M-Bond Extra: first coat Red, second coat Black

Model Specification

Product: M-Bond and M-Bond Extra
Preparatory work and application in accordance with suppliers instructions.
Manufacturer: Flowcrete Middle East FZCO
Telephone : Customer Service +971 4 886 4728

Bonder

M-Bond to be supplied and laid on a suitable sound shotblasted and vacuum cleaned base in accordance with the manufacturer's instructions.

Bonder and DPM

M-Bond Extra to be supplied and laid on a suitable sound shot-blasted and vacuum cleaned base in accordance with the manufacturer's instructions.

Substrate Requirements

Concrete or screed substrate should be a minimum of 25N/mm², free from laitance, dust and other contamination.

Products Included in this System

Bonder: M-Bond (Red)

Bonder and DPM: 1st coat M-Bond Extra (Red)
2nd coat M-Bond Extra (Black)

The actual coverage rate achieved is dependant on the surface profile. Rough tamped or scabbled bases will require additional material to ensure continuity of the membrane.

Detailed application instructions are available upon request.

Installation Service

The installation should be carried out by a Flowcrete approved applicator with a documented quality assurance scheme. Obtain details of our approved contractors by contacting our customer service team or enquiring via our website at www.flowcrete.ae

Environmental Considerations

The finished system is assessed as non-hazardous to health and the environment. The long service life and seamless surface reduce the need for repairs, maintenance and cleaning. Environmental and health considerations are controlled during manufacture and application of the products by Flowcrete staff and fully trained and experienced contractors.

Focus on the Floorzone

Flowcrete Middle East FZCO is a division of the Flowcrete Group, world leaders in specialist industrial and commercial flooring. Systems available include: underfloor heating systems, floor screeds, surface damp proof membranes, decorative floor finishes, seamless terrazzo, car park deck waterproofing and corrosion protection systems... to name just a few. Our corporate objective is to satisfy your flooring needs.

Technical Information

The figures that follow are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity.

Moisture Vapour Permeability	< 5 gms / m ² / 24 hrs (ASTM E96:90)
Water Permeability	Nil – Karsten test (impermeable)
Compressive Strength	45 N/mm ² (BS6319)
Flexural Strength	17 N/mm ² (BS6319)
Tensile Strength	15 N/mm ² (BS6319)
Bond Strength	Greater than cohesive strength of 25 N/mm ² concrete. > 1.5 MPa.

Speed of Cure

	10°C	20°C	30°C
Pot life	2 hrs	1 hr	40 mins
Tack free time	12 hrs	6 hrs	4 hrs
Full cure	7 days	7 days	5 days
Light traffic	48 hrs	24 hrs	16 hrs
Full traffic	5 days	3 days	2 days

Overlaying

M-Bond: Overlay with cementitious mixes whilst still fluid or tacky. Application onto a fully cured (tack free) surface will result in de-bonding.

M-Bond Extra: Apply second coat within 24 hours of the first. Longer overcoating times require the first coat be wire brushed to remove the glossy surface just prior to second coat application.

Important Note

Flowcrete's products are guaranteed against defective materials and manufacture and are sold subject to its standard Terms and Conditions of Sale, copies of which can be obtained on request.

Further Information

To ensure you are specifying a fit for purpose flooring for your project please consult our Technical Advisors on the number below or visit our website to register your interest in specifying one of the most durable floors on the market.