Flowcrete
for the world at your feet

M-Bond & M-Bond Extra

M-Bond is a solvent free epoxy bonding agent, while M-Bond Extra provides an additional Damp Proof Membrane function.

Bonds & damp proofs concrete, cementitious screeds & polymer modified screeds to concrete.

Excellent Bond:
Provides a secure bond for concrete and screed substrates.

Thinner Screeds Possible:
Applying a bonded screed reduces the need for a thicker specification.

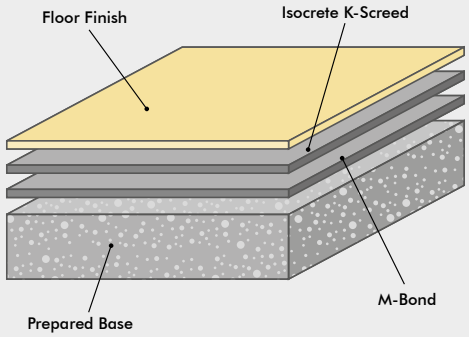
Combats Moisture:
M-Bond Extra provides a full DPM between the concrete and screed.

Solvent Free:
Solvent free, low in VOCs and environmentally friendly.

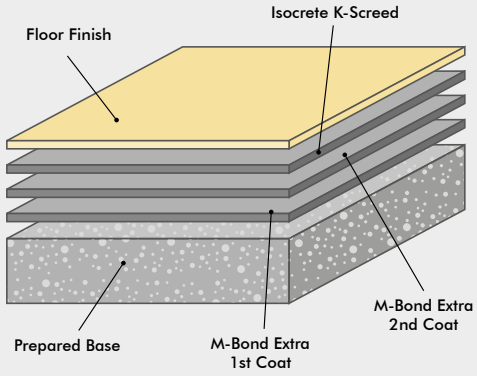
Long Open Time:
Allows a greater area to be covered before subsequent topping is laid.

System Design

Typical Section Through M-Bond



Typical Section Through M-Bond Extra



Technical Profile*

MOISTURE VAPOUR PERMEABILITY			
ASTM E96:90	<5gms / m² / 24 hrs		
WATER PERMEABILITY			
Karsten Test	Nil (Impermeable)		
COMPRESSIVE STRENGTH			
BS EN 13892-2	45 N/mm²		
FLEXURAL STRENGTH			
BS EN 13892-2	17 N/mm²		
TENSILE STRENGTH			
BS 6319	15 N/mm²		
BOND STRENGTH			
Greater than cohesive strength of 25 N/mm² concrete. >1.5 MPa			
SPEED OF CURE	**10°C**	**20°C**	**30°C**
Pot Life	2 h	1 h	40 min
Tack Free Time	12 h	6 h	4 h
Full Cure	7 d	7 d	5 d
Light Traffic	48 h	24 h	16-24 h
Full Traffic	5 d	3 d	2 d

* These figures are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity.

Model Specification

System	M-Bond & M-Bond Extra
Manufacturer	Flowcrete Asia

Preparatory work and application in accordance with manufacturer's instructions.

Products Included In This System

Bonder	M-Bond (Red)
Bonder & 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.

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 shotblasted and vacuum cleaned base in accordance with the manufacturer's instructions.

Substrate Requirements

Concrete or screed substrate should be a minimum of 25N/mm^2, free from laitance, dust and other contamination.

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.

Installation Service

The installation should be carried out by a licensed contractor with a documented quality assurance scheme. For details of our licensed contractors, contact our customer service team or enquire via our website at www.flowcreteasia.com

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.

Important Note

Flowcrete products are guaranteed against defective materials and manufacture and are sold subject to our standard 'Warranty, Terms and Conditions of Sale', copies of which can be obtained on request. Warranty does not cover suitability, fit for purpose or any consequential or related damages.

Further Information

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

[29/05/20]

1. Light colours may require additional coats to achieve desired results 2. It is recommended that top coat colours are close to base coats colours to achieve desired results
3. This product is not UV stable and may discolour unless otherwise stated 4. System Data Sheet to be read in conjunction with Method Statement and Product data Sheets.