

## Flowcrete MF (3 - 4 mm)

A pigmented, cementitious polyurethane floor finish applied in a smooth matt finish at a thickness of 3 - 4 mm.

Provides a robust floor finish for dry or semi-wet processing areas.



### Chemical Resistance:

Protects against a range of chemicals used in industrial processes.



### High Impact Resistance

Offers excellent protection against dropped items and heavy loads.



### Hard-Wearing:

Hard-wearing & abrasion resistant suitable for medium to heavy traffic.



### Temperature Resistant

Very good thermal shock properties and resistant to extreme temperatures.



### Low Odour:

Low odour during application for greater client satisfaction.



Warm Buff



Clay



Coral Red



Shamrock Green



Blue



Ash Grey



Pewter Grey

The applied colours may differ from the examples shown. For a full colour chart and samples, contact your local Flowcrete office.



## Technical Profile\*

<b>FIRE RESISTANCE</b>			
EN 13501-1	B <sub>fl</sub> - s1		
<b>SLIP RESISTANCE**</b>			
Method described in BS 7976-2 (typical values for 4-S rubber slider)	Dry >40, Wet depends on specification (in accordance with HSE and UKSRG guidelines)		
<b>IMPACT RESISTANCE</b>			
EN ISO 6272	15Nm		
<b>WATER PERMEABILITY</b>			
Nil - Karsten test (impermeable)			
<b>VAPOUR PERMEABILITY</b>			
ASTM E96:90	5g/m <sup>2</sup> /24hrs (at 4mm thick)		
<b>TEMPERATURE RESISTANCE</b>			
From -5°C to 70°C (at 3mm)	From -15°C to 90°C (at 4mm)		
<b>CHEMICAL RESISTANCE</b>			
Contact Technical Department Excellent resistance to sugars and most acids (organic and inorganic)			
<b>ABRASION RESISTANCE</b>			
Taber Abrader (1 kg load using CS17 wheels)	0.1g loss per 1000 cycles		
<b>COMPRESSIVE STRENGTH</b>			
EN 13892-2	>50 N/mm <sup>2</sup>		
<b>FLEXURAL STRENGTH</b>			
EN 13892-2	>20 N/mm <sup>2</sup>		
<b>TENSILE STRENGTH</b>			
BS 6319	7 N/mm <sup>2</sup>		
<b>COEFFICIENT OF THERMAL EXPANSION</b>			
ASTM C531	5.70 x 10 <sup>-5</sup> °C <sup>-1</sup>		
<b>BOND STRENGTH</b>			
Greater than cohesive strength of 25 N/mm <sup>2</sup> concrete. >1.5 MPa			
<b>SPEED OF CURE</b>	10 °C	20 °C	30 °C
Light Traffic	36 h	24 h	12 h
Full Traffic	72 h	48 h	24 h
Full Chemical Cure	10 d	7 d	6 d

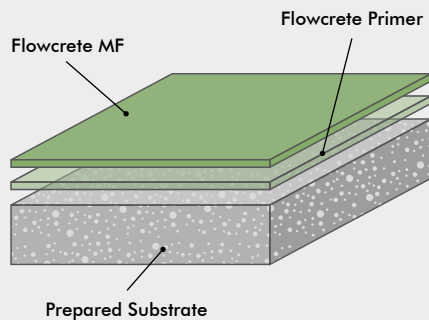
\* These figures are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity. \*\*The slipperiness of flooring materials can change significantly, due to the installation process, after short periods of use, due to inappropriate maintenance, longer-term wear and/or surface contaminants (wet or dry). Textured systems are recommended to meet slip resistance value requirements for wet conditions and/or surface contaminants (wet or dry) - please contact our Technical Advisors for further details and specifications.

## Model Specification

<b>System</b>	Flowcrete MF
<b>Finish</b>	Matt
<b>Thickness</b>	3 - 4 mm
<b>Manufacturer</b>	Flowcrete Asia

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

## System Design



## Products Included In This System

<b>Primer</b>	Flowcrete Primer
<b>Finishing Coat</b>	Flowcrete MF

Detailed application instructions are available upon request.

## Available in Multi-Pack Supply Format

- Flowcrete HF/MF/RT (A+B)
- Flowcrete HF/MF/RT Filler C Blank
- Flowfresh Pigment Paste

## Substrate Requirements

Concrete/screed substrate should be a minimum of 25N/mm<sup>2</sup>, free from laitance, dust and other contamination. Substrate should be surface dry and free from rising damp and ground water pressure.

## 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](http://www.flowcreteasia.com)

## Environmental Considerations

The system is assessed as non-hazardous to health & the environment. The long service life & 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.

## Aftercare, Cleaning & Maintenance

Clean regularly using a single or double headed rotary scrubber drier in conjunction with a mildly alkaline detergent.

## 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.

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.