

## Flowfresh MF (3 to 4mm)

A self-levelling, HACCP International certified, smooth, antimicrobial treated cementitious polyurethane floor system.



### Chemical Resistant:

Protects against the majority of acids used in manufacturing processes.



### Hygienic:

Contains Polygiene® - an antimicrobial additive that kills up to 99.9% bacteria.



### Abrasion Resistant:

Holds its own against impact, traffic and chemical attack.



### Easy to Clean:

Minimal joints makes this flooring easy to sterilise.



### Low Odour:

Improved air quality during installation and beyond.



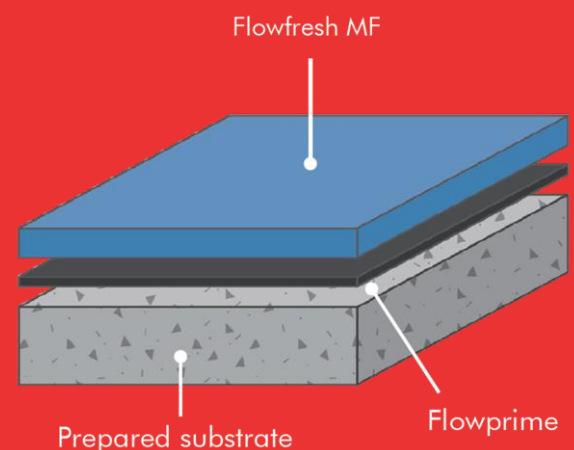
The applied colours may differ from the examples shown. For a full colour chart and samples, contact your regional Flowcrete office.

## Technical Profile

FIRE RESISTANCE	
SANS 10177 – Part 4	Class 2
WATER PERMEABILITY	
Karsten Test	Nil (Impermeable)
TEMPERATURE RESISTANCE	
-5°C to 70°C at 3mm, -15°C to 90°C at 4mm	
SLIP RESISTANCE	
TRRL Pendulum Slip Test	Dry >70 Wet >25
COMPRESSIVE STRENGTH	
BS 6319	>50 N/mm <sup>2</sup>
FLEXURAN STRENGTH	
BS 6319	>20 N/mm <sup>2</sup>
TENSILE STRENGTH	
BS 6319	>12 N/mm <sup>2</sup>
BOND STRENGTH	
> 1.5 MPa concrete failure	
COEFFICIENT OF THERMAL EXPANSION	
ASTM C531	5.70 x 10 <sup>-5</sup> °C <sup>-1</sup>

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

SPEED OF CURE	10°C	20°C	30°C
Light Traffic	36 hrs	24 hrs	12 hrs
Full Traffic	72 hrs	48 hrs	24 hrs
Full Chemical Cure	10 days	7 days	6 days



## Model Specification

<b>System</b>	Flowfresh MF
<b>Finish</b>	Matt
<b>Thickness</b>	3 to 4mm

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

## Products Included in this System

<b>Primer</b>	Flowprime
<b>Scatter</b>	Scatter 4
<b>Screed</b>	Flowfresh MF

## Substrate Requirements

Concrete or screed substrate should be a minimum of 25N/mm<sup>2</sup>, and maintain a minimum tensile strength of 1.5 MPa, free from laitance, dust and other contamination. The substrate should have a moisture content of no more than 5%.

## Installation Service

The installation should be carried out by an Approved Applicator. For details on our Approved Applicators, contact our regional office. Detailed application instructions are available upon request.

## Aftercare, Cleaning & Maintenance

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

## 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 and maintenance. Environmental and health considerations are controlled during manufacture and application of the products by Flowcrete staff and fully trained application teams.

## Focus on the Floorzone

Flowcrete is a market leader in specialist industrial and commercial flooring. Systems available include: floor screeds, surface damp proof membranes, decorative flooring, seamless terrazzo, car park deck coatings, tank lining systems ... to name just a few. Our objective is to satisfy your Floorzone needs.

## Polygiene® and HACCP International

Flowfresh flooring systems are antimicrobial to ISO 22196 standard, owing to the inclusion of Polygiene®, an antimicrobial additive incorporated in the formulation. The Flowfresh range of floor systems is HACCP International certified as safe for use in food environments.

## Warranty

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. Please review warranty in detail before installing the products.