

Flowfresh MF (3-4mm)

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



Chemical Resistant:

Protects against the majority of acids use 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.



Cream



Yellow Ochre



Sand Yellow



Tomato Red



Signal Grey



Signal Green



Dusty Grey



Light Blue

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 @ 3mm, -15°C to 90°C @ 4mm

SLIP RESISTANCE

TRRL Pendulum Slip Test

Dry > 70

Wet > 25

COMPRESSIVE STRENGTH

BS6319

>50 N/mm²

FLEXURAL STRENGTH

BS6319

>20 N/mm²

TENSILE STRENGTH

BS6319

>12 N/mm²

BOND STRENGTH

> 1.5 MPA*

COEFFICIENT OF THERMAL EXPANSION

ASTM C531

5.70 X 10⁻⁵°C⁻¹

SPEED OF CURE**

Light Traffic

10°C

36 hrs

20°C

24 hrs

30°C

12 hrs

Full Traffic

72 hrs

48 hrs

24 hrs

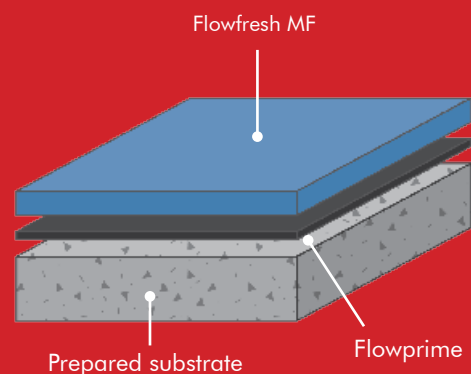
Full Chemical Cure

10 days

7 days

6 days

*Assumes concrete compressive strength is greater than 25N/mm²



**Cure times at temperatures between 0-30°C can be achieved by altering the quantity of catalyst used. For applications falling outside of this temperature range, please contact your local Flowcrete Technical Department.

Model Specification

System	Flowfresh MF
Finish	Matt
Thickness	3-4mm
Colour	See standard colour chart
Manufacturer	Flowcrete SA (Pty) Ltd

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

Products Included In This System

Primer	Flowprime
Scatter	Scatter 4
Screed	Flowfresh MF

Substrate Requirements

Concrete or screed substrate should be a minimum of 25 N/mm², free from laitence, dust and other contamination. Substrate should be dry to 75% RH as per BS8204.

Installation Service

The installation should be carried out by an Approved Flowcrete Applicator. For details of our Approved Applicators, contact your regional Flowcrete 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.

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