




## Flowfresh HF (6-9mm)

A heavy duty, chemical resistant, antimicrobial, monolithic polyurethane floor screed which provides a durable floor finish.

Typically used in wet processing areas such as food manufacturing or preparation areas.



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**Antimicrobial:**  
 Contains Polygiene® additive that kills up to 99.9% bacteria.
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**Thermal Resistant:**  
 Resistant to temperatures from -45°C up to 120°C.
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**HACCP Certified:**  
 HACCP Internationally certified polyurethane flooring system.
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**Easy to Clean:**  
 Easy to clean, maintain and sterilise floor finish.

## Technical Profile

FIRE RESISTANCE			
EN 13501-1	B <sub>FL</sub> - s1		
SLIP RESISTANCE			
Method described in AS4586-2013	Dry & Wet Rating is dependant on specification (in accordance with AS4586-2013)		
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			
IMPACT RESISTANCE			
EN ISO 6272	20Nm		
TEMPERATURE RESISTANCE			
From -25°C to 100°C (at 6mm) From -45°C to 120°C (at 9mm)			
COEFFICIENT OF THERMAL EXPANSION			
ASTM C531	3.74 x 10 <sup>-5</sup> °C <sup>-1</sup>		
WATER PERMEABILITY			
Karsten Test	Nil (impermeable)		
VAPOUR PERMEABILITY			
ASTM E96:90	3g/m <sup>2</sup> /24hrs (at 9mm thick)		
CHEMICAL RESISTANCE			
Contact Technical Department			
ABRASION RESISTANCE			
Taber Abrader	0.12g loss per 1000 cycles (1kg using CS17 wheels)		
COMPRESSIVE STRENGTH			
BS6319	> 50 N/mm <sup>2</sup>		
FLEXURAL STRENGTH			
BS6319	20 N/mm <sup>2</sup>		
TENSILE STRENGTH			
BS6319	10 N/mm <sup>2</sup>		
BOND STRENGTH			
ASTM D4541 (Pull-Off Test)	> 1.5MPa		
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



\*These figures are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity. Textured systems are recommended to meet slip resistance value requirements for wet conditions and/or surface contaminants (wet/dry). Please contact our Technical Advisors for further details.

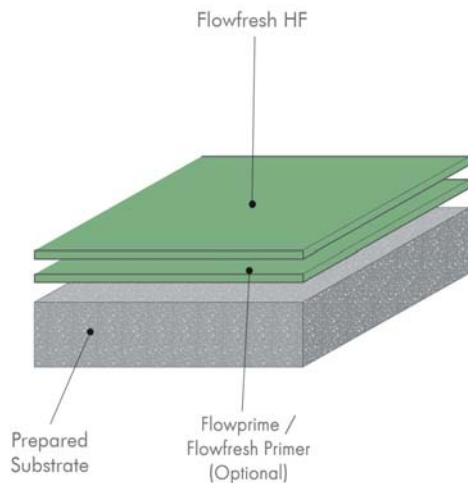
The applied colours may differ from the examples shown. For a full colour chart and samples, contact your local Flowcrete office.

## Model Specification

<b>System</b>	Flowfresh HF
<b>Finish</b>	Matte
<b>Thickness</b>	6-9mm
<b>Manufacturer</b>	Flowcrete
<b>Contact</b>	+61 7 3205 7115

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

## System Design



## Products Included In This System

<b>Layer 1</b>	Flowprime/Flowfresh Primer (Optional)
<b>Layer 2</b>	Flowfresh HF

## Coving

Coving forms an integral part of the flooring system. It creates a sealed finish between the floor and wall joint. Please refer to Flowtex F1 Coving Mortar for further information.

## Substrate Requirements

Concrete or screed substrate should be a minimum of 25 N/mm<sup>2</sup>, free from laitence, dust and other contamination. Substrate should be dry to 75% RH as per BS8204. Must be free from rising ground moisture or must have an effective DPM in place.

## Installation Service

The installation should be carried out by a experienced contractor with a documented quality assurance scheme. For details of our recommended contractors, contact your local Flowcrete office. Detailed application instructions are available upon request.

## 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.

## Aftercare, Cleaning & Maintenance

Please refer to Flowcrete Australia's current Cleaning and Maintenance Recommendations Guide.

## 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.