



## Flowfresh RT (6-9mm)

A slip-resistant HACCP International certified antimicrobial treated polyurethane screed for use in wet areas with high traffic.



### Heat Resistant:

Resistant to temperatures of up to 120°C.



### Slip Resistant:

Impressive anti-slip profile in dry and wet conditions.



### Hygienic:

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



### Chemical Resistant:

Protects against the majority of acids use in manufacturing processes.



### Durable:

Holds its own against impact as well as heavy traffic.



Cream

Yellow Ochre

Sand Yellow



Tomato Red

Signal Grey

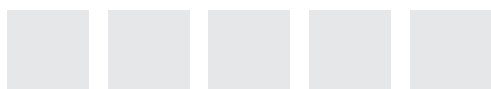
Signal Green



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

BS476-7	Class 2
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### WATER PERMEABILITY

Karsten Test	Nil (Impermeable)
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### TEMPERATURE RESISTANCE

-25°C to 100°C @ 6mm, -45°C to 120°C @ 9mm

### SLIP RESISTANCE

TRRL Pendulum Slip Test	Dry > 80 Wet > 35
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### COMPRESSIVE STRENGTH

BS6319	>60 N/mm <sup>2</sup>
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### FLEXURAL STRENGTH

BS6319	>20 N/mm <sup>2</sup>
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### TENSILE STRENGTH

BS6319	>10 N/mm <sup>2</sup>
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### BOND STRENGTH

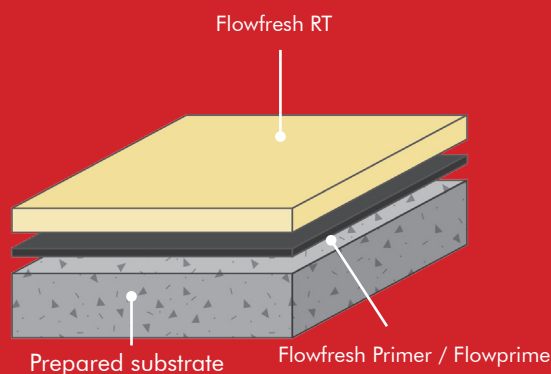
> 1.5 MPA\*

### COEFFICIENT OF THERMAL EXPANSION

ASTM C531	3.74 X 10 <sup>-5</sup> °C <sup>-1</sup>
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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

\*Assumes concrete compressive strength is greater than 25N/mm<sup>2</sup>



\*\*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

<b>System</b>	Flowfresh RT
<b>Finish</b>	Textured
<b>Thickness</b>	6-9mm
<b>Colour</b>	See standard colour chart
<b>Manufacturer</b>	Flowcrete SA (Pty) Ltd

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

## Products Included In This System

<b>Primer</b>	Flowprime / Flowfresh Primer
<b>Scatter</b>	Scatter 3
<b>Screed</b>	Flowfresh RT

## 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.

## 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.

05/04/2017