

## Flowfresh HF

A highly durable industrial floor based on polyurethane resin with the addition of cement aggregate. It has high degree of slip resistance.



### Antimicrobial properties:

Contains Polygiene, an antimicrobial additive based on silver ion technology



### Hygienic:

Meets hygienic requirements and is certified by HACCP International



### High chemical and thermal resistance:

No damage at temperatures from -40°C to +120°C (9 mm), thermal shock resistance



### Wear resistance:

High abrasion and impact resistance

## Technical Information<sup>1</sup>

REACTION TO FIRE	
B <sub>n</sub> -s1	EN 13501-1
SLIP RESISTANCE <sup>2</sup>	
Pendulum Slip Test Wet > 40	EN 13036-4
TEMPERATURE RESISTANCE	
-25°C to +90°C (6 mm) -40°C to +120°C (9 mm)	
WATER PERMEABILITY	
Karsten test - Nil (Impermeable)	
WEAR RESISTANCE	
RWA1	EN 13892-5
COMPRESSIVE STRENGTH	
> 50 N/mm <sup>2</sup>	EN 13892-2
FLEXURAL STRENGTH	
20 N/mm <sup>2</sup>	EN 13892-2
TENSILE STRENGTH	
> 10 N/mm <sup>2</sup>	BS 6319
IMPACT RESISTANCE	
IR20	EN ISO 6272-1
BOND STRENGTH	
2,8 MPa	EN 13892-8

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	5 days

## Standard colour chart



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

<sup>1</sup>The figures in the table beside are typical properties achieved in laboratory tests – these results may vary depending on the conditions on the installation site. <sup>2</sup>The final anti-slip properties of the floor are influenced by the application method, the size and shape of the aggregate used for the topcoat (aggregate recommendations available from CPG Eastern Europe), the degree of abrasion, maintenance and the nature of the dirt.

## Model Specification

<b>System:</b>	Flowfresh HF
<b>Finish:</b>	Matt
<b>Thickness:</b>	Approx. 6,0 or 9,0 mm
<b>Colour:</b>	According to the catalog
<b>Producer:</b>	CPG Europe
<b>Supplier:</b>	Tremco CPG Poland Sp. z o.o.
<b>Telephone:</b>	+48 22 879 89 07

## Installation Service

The installation should be carried out by a Flowcrete approved contractors with a documented quality assurance scheme. Obtain details of our approved contractors by contacting CPG Eastern Europe or enquiring via our website at [www.flowcrete.com.pl](http://www.flowcrete.com.pl).

## Products Included in this System

<b>Primer<sup>3</sup>:</b>	Flowfresh Primer Natural quartz sand 1,0–1,8 mm
<b>Topping:</b>	Flowfresh HF

<sup>3</sup> If other resins are used contact CPG Eastern Europe for further details.

Detailed application instructions are available upon request.

## Microbial / Fungal Resistance

The Polygiene antimicrobial additive incorporated into Flowfresh MF provides control of most bacteria and fungi which come into contact with the floor. Antimicrobial Active substance: Silver biocide Tested: ISO 22196/JIS Z 2801.

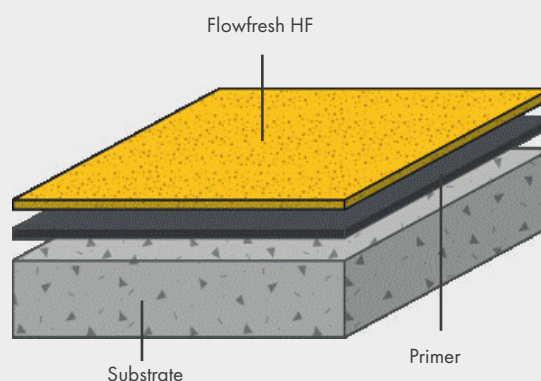
## Aftercare - Cleaning and Maintenance

Clean regularly using a single or double headed rotary scrubber drier in conjunction with a mildly alkaline detergent. Flowcrete Flooring Cleaning Instruction available upon request.

## Substrate Requirements

Concrete or screed substrate should be class min. C20/25, a minimum bond strength of 1,5 MPa (pull-off test), surface even, clean, free from laitance, dust and other contamination. All damages in the substrate should be repaired prior to applying the flooring. The concrete base must be protected against the effects of groundwater pressure. The relative humidity of the concrete must not exceed 97% in accordance with BS 8204 (surface dry concrete). Details to be found in the *Flowcrete Resin Flooring Substrate Requirements*.

## System Design



## Environmental Considerations

The finished system is assessed as non-hazardous to health and the environment. The long service life and seamless, impermeable surface with perfect adhesion to the substrate reduce the need for repairs and maintenance.

VOC content < 50 g/l.

Technical information, recommendations and instructions concerning the product use, storage and maintenance included in this System Data Sheet are based on Tremco CPG Poland Sp. z o.o. (further related as „CPG Polska”) knowledge and experience, reflecting the best acknowledged way of using the material for a given moment. Taking into consideration other factors that are beyond the producer’s control, including differences in quality of substrates, tools and other complementary materials, weather conditions, proper installation and also cleaning and maintenance, CPG Polska cannot take responsibility in case of failure to conform with information and instructions included in this System Data Sheet or, respectively, written recommendations from authorized CPG Polska representatives. One should always conform with up-to-date norms and building principles, and also safety, hygiene and health protection rules according to the information included in Material Safety Data Sheets and also on the products packaging. This System Data Sheet replaces all previous versions. In order to receive up-to-date System Data Sheets contact CPG Polska.

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