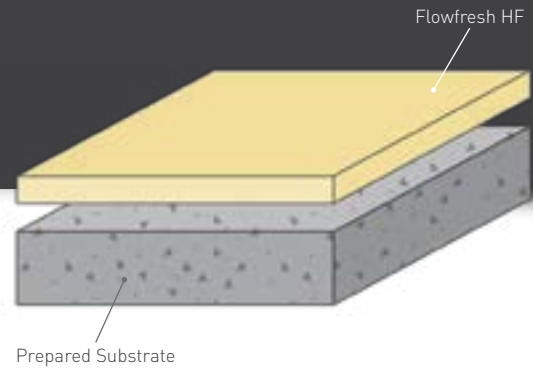











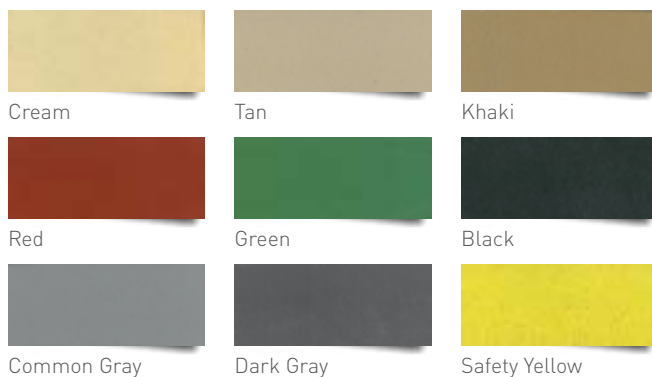
Flowfresh HF (1/4" - 3/8")

A trowel-applied, heavy-duty and HACCP International certified antimicrobial treated cementitious urethane mortar.



- 
Fast Return-to-Service:
 Cures in under 24 hours to help minimize occupant disruption.
- 
Seamless:
 No joints or seams to harbor germs, dirt or debris.
- 
Polygiene® Antimicrobial:
 Contains a silver ion antimicrobial additive to protect the surface.
- 
Chemical-Resistant:
 Protects against food by-products, fats, hot oils, blood, sugar and acids.
- 
Slip-Resistant:
 Positively textured profile to minimize slip risks in wet or damp areas.
- 
Temperature-Resistant:
 Resistant to temperatures of up to 250°F and suitable for steam cleaning.
- 
Unaffected by MVT:
 Allows moisture to move through the material at a safe rate.

Standard Colors:



The applied colors may differ from the examples shown.
 General wear on Safety Yellow may be more visible.
 For a full color chart and samples, contact your local Flowcrete office.

COVERAGE RATES: (66 LB UNIT)			
24 sq ft/unit at 1/4"			
17 sq ft/unit at 3/8"			
COMPRESSIVE STRENGTH:			
ASTM C 579	8,000 psi		
TENSILE STRENGTH:			
ASTM C 307	1,450 psi		
COEFFICIENT OF THERMAL EXPANSION:			
ASTM C 531	1.1 x 10 ⁻⁵ in/in/°F		
FLEXURAL STRENGTH:			
ASTM C 580	2,900 psi		
ABRASION RESISTANCE:			
ASTM D 4060 CS 17 Wheel, 1000 cycles	0.05g loss		
ADHESION:			
ASTM D 4541	400 psi (100% concrete failure)		
COEFFICIENT OF FRICTION:			
ASTM D 2047	Exceeds ADA recommendations		
TEMPERATURE RESISTANCE:			
Continuous Exposure:	220°F		
Intermittent Spills:	250°F		
VOC:			
5 g/l			
SPEED OF CURE:			
	50°F	70°F	90°F
Light Traffic	12-14 hrs	6-8 hrs	3-5 hrs
Full Traffic	24-36 hrs	12-16 hrs	8-10 hrs
Full Chemical Cure	5-7 days	3-5 days	1-2 days

Products Included In This System

Unit: 66 lb (including color pack)

Mortar:

Flowfresh HF

24 sq ft/unit at 1/4"

17 sq ft/unit at 3/8"

Installation

Installation should be carried out by a Tremco contractor with a documented quality assurance note. Obtain details of our preferred contractor network from our customer service team or by enquiring through our website. Detailed application instructions are also available upon request.

Substrate Requirements

Concrete or screed substrate should have a minimum of 3,000 psi compressive strength, free from laitance, dust and other contamination. The substrate should be dry to ASTM requirements and free from excessive moisture vapor transmission.

Polygiene®

All Flowfresh systems include a built in high performance antimicrobial, Polygiene®. This silver-ion based additive inhibits the growth of bacteria and molds and guards against surface degradation and odors caused by these microorganisms. Detailed antimicrobial information and test results are available upon request.

Color Stability

Flowfresh is not color fast and may change color over time (exhibits a yellowing effect). Color change depends on the UV light and heat levels present as such the rate of change cannot be predicted. This is more noticeable in light colors and grays, but does not compromise the product's chemical resistance or physical characteristics. Special customized colors and designs can be produced to special order. For applications exposed to UV light, apply Flowfresh FC UV

Technical Profile

The figures and test results shown overleaf are typical properties achieved in laboratory tests at 75°F and at 50% Relative Humidity.

Environmental Health & Safety

The finished system is assessed as non-hazardous to health and the environment. Flowfresh systems are USDA/FDA compliant & HACCP International certified. 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 Americas' staff and fully trained application teams.

Aftercare, Cleaning & Maintenance

After the Flowfresh floor has been put into service, normal plant cleaning procedures may be employed. There are no effective restrictions on the method of cleaning employed. The method of cleaning should match the soil conditions and degree of sanitation required. Flowfresh flooring materials will withstand the daily use of harsh rigorous cleaning with disinfectants and detergents. Certain Flowfresh products will withstand routine cleaning by hot water wash downs up to 250°F and direct application of water-steam mix. Consult a technical representative for advice.

Warranty

Tremco warrants its Products to be free of defects in materials but makes no warranty as to appearance or color. Since methods of application and on-site conditions are beyond our control and can affect performance, Tremco makes no other warranty, expressed or implied including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE with respect to Tremco Products. Tremco's sole obligation shall be, at its option, to replace or refund the purchase price of the quantity of Tremco Products proven to be defective, and Tremco shall not be liable for any loss or damage.

