



Flowfast Industrial (200 mils)

A hard wearing, chemical resistant and fast cure MMA flooring system with a matte colored finish.



Fast Cure:

Accelerates cure time, providing a fully operational surface in just 60 minutes.



Slip Resistant:

Adjustable, positively textured profile to minimize slip risks in wet or damp areas.



Chemical Resistant:

Protects against acids, alkalis, caustic soda, salt solutions, oils, fats and sanitizers.



Durable:

Offers excellent strength, providing a heavy duty, load bearing and robust floor finish.



UV Resistant:

Exhibits excellent UV color stability over time and will not become brittle with age.

Standard Colors:



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

SLIP RESISTANCE:

BS 7976-2	Dry: 80 Wet: 60
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IMPACT RESISTANCE:

ISO 6272	2.2 lb weight > 70 in 4.4 lb weight > 59 in
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COMPRESSIVE STRENGTH:

ASTM C 579	11,600 psi
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BOND STRENGTH:

Greater than cohesive strength of 3,000 psi concrete, > 220 psi

TENSILE STRENGTH:

ASTM C 307	2,900 psi
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FLEXURAL STRENGTH:

ASTM C 580	4,350 psi
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ABRASION RESISTANCE:

ASTM D 4060 CS 17 Wheel, 1000 cycles	0.080g loss
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TEMPERATURE RESISTANCE:

Continuous Exposure:	Up to 160°F
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VOC:

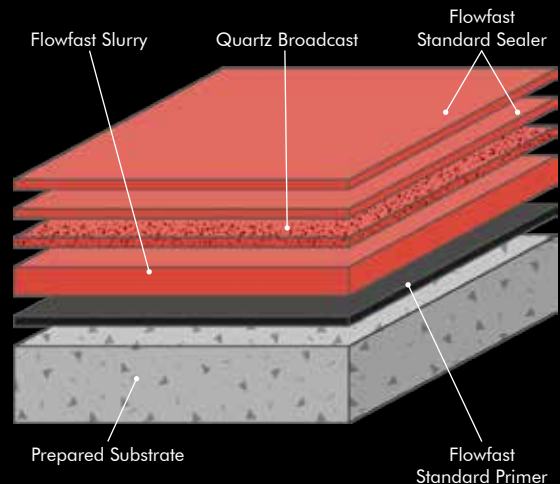
<50 g/l

COEFFICIENT OF FRICTION:

ASTM D 2047	Exceeds ADA recommendations
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SPEED OF CURE:

	32°F	70°F	90°F
Light Traffic	60 mins	45 mins	45 mins
Full Traffic	90 mins	60 mins	60 mins
Full Chemical Cure	120 mins	90 mins	90 mins



Products Included In This System

Primer:	Flowfast Standard Primer at 80 - 130 sq ft/gal
Scatter Sand:	0.1 lbs/sq ft
Slurry*:	Flowfast Standard Binder/L Filler at 39 sq ft/mix
Broadcast:	Silica Sand at 0.65 lbs/sq ft
1st Sealer:	Flowfast Standard Sealer at 100 sq ft/gal
2nd Sealer:	Flowfast Standard Sealer at 125 sq ft/gal

For a gloss finish, Flowfast Standard Sealer coats can be replaced by a single coat of Flowcoat SF41 at 80 sq ft/gal.

*Slurry mix consists of 1.5 gal of Flowfast Standard Binder and 42 lbs of L Filler, with optional 8 oz of Flowfast Color Pack.

*Alternative Slurry at 50 sq ft/mix consists of 2 gal of Flowfast Standard Binder and 52 lbs of SNL Filler, with optional 8 oz of Flowfast Color Pack.

Flowfast Standard Sealer is applied pigmented in this system by mixing 4 gallons of Flowfast Standard Sealer, 1 Flowfast Color Pack and 1.5 gal of Talc.

Additional primer and membrane options are available for damp surfaces, crack bridging and high movement.

Installation

Installation should be carried out by a Flowcrete STAR or preferred 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.

Primer

Under certain conditions the porosity of the substrate can lead to soak in of the Flowfast Primer. Excessive soak in will result in uncured primer will affect the curing of all subsequent layers. In cases where excessive soak in is experienced, the substrate must be reprimed.

Technical Profile

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

Installation Odor:

MMA flooring does exhibit a distinct odor in its wet state but is non-toxic and extremely low in VOCs. During installation this odor can be completely eliminated with the right ventilation program in place. Once cured the odor dissipates rapidly.

Environmental Health & Safety

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 Americas' staff and fully trained application teams.

Aftercare, Cleaning & Maintenance

Clean regularly using a single or double headed rotary scrubber drier in conjunction with a mildly alkaline detergent.

Warranty

Flowcrete Americas' 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.

Disclaimer

Any recommendation or suggestion relating to the use of products manufactured by Flowcrete Americas, whether in its technical literature or in response to a specific inquiry, is based upon data believed to be reliable, however the products and information are intended for use by applicators having requisite skill and know-how in the industry and therefore it is for the applicator to satisfy itself of the suitability of the products for its own particular use and it shall be deemed that the applicator has done so at its sole discretion and risk.

[09/01/15]