

Flowfast Rapid Transit SL

Product sheet

Product description

A 4-component, coloured, methyl methacrylate (MMA) based coating.

Note: Flowfast Catalyst is supplied separately in 2 kg and 25 kg packs, use as required.

Uses

Flowfast Rapid Transit SL is used as a coating to accept a natural aggregate scatter in Flowfast Rapid Transit SR systems.

Flowfast Rapid Transit SL must always be treated with Flowfast Rapid Transit Sealer.

Environment & Health

Flowfast Rapid Transit SL is a solvent free product but has an odour associated with it, ensure adequate ventilation and/or extraction. Follow the appropriate Occupational Health and Safety guidelines applicable to the location where the application is undertaken.

For more information, please refer to the safety datasheets for the individual components.

Ratio of components (by weight of Flowfast Rapid Transit Binder)

@ 30°C	add 1% Flowfast Catalyst	1 cm ³ Catalyst = 0.64 g
@ 20°C	add 2% Flowfast Catalyst	
@ 10°C	add 4% Flowfast Catalyst	1g Catalyst = 1.57 cm ³
@ 0°C	add 5% Flowfast Catalyst	

Add the required amount of Catalyst to the resin and mix for 1–2 minutes with a slow speed drill and helical spinner (taking care not to entrain air). Immediately add the Pigment and Filler, ensuring that all is mixed in from the sides of the container and mix for 1 - 2 minutes until homogeneous.

Apply to the required thickness with a pin rake or notched trowel; apply a maximum bay width of 5 metres to allow for curing. Allow to stand for 10 minutes before scattering with the aggregate.

The mixed product should be applied at 6.7 kg/m² (for 4 mm) to accept the aggregate.

Note: Where a more fluid consistency is required, a non-standard 17 kg Filler pack is available to special order.

Application temperature

To ensure fluidity, all materials must be preconditioned to 10 - 25°C prior to the application.

The recommended substrate temperature is 10 - 25°C, but no less than 0°C and to a maximum of 30°C.

The temperature of the substrate should exceed the "dew point" by 3°C during application and hardening.

For application temperatures below 0°C or above 30°C, please consult the Flowcrete Technical Department.

Application time/pot life

Ready-mixed product should be used within 15 minutes at a temperature of 20°C.

At higher temperatures the application time is shorter.

Curing time (at 20°C)

The product is fully hardened after 1 hour.

Colour

See System data sheet for Flowfast Rapid Transit SR.

Solids content

Approx. 100 %.

Finish

Satin matt.

Density

Resin approx. 1.0 kg/l.
Mixed product approx. 1.7 kg/l.

Storage

6 months in unopened pack.
Storage temperature between 5°C and 40°C (out of direct sunlight).
Flash point + 11.5°C.
Protect from weather and moisture/contaminant ingress.

Packaging

The Flowfast Rapid Transit SL is delivered in the following packs:

Note: Flowfast Catalyst is supplied separately in 2 kg and 25 kg packs, use as required.

Unit		Flowfast Rapid Transit Binder	Flowfast Rapid Transit SL Filler	Flowfast Pigment
27 kg	(15.9 litres)	5 kg	22 kg	150 – 250 g (dependant on colour)

Note:

The Flowfast Rapid Transit SL Filler is also available (special order) at 17 kg. This is used, dependent upon specification, where a more fluid consistency is required.

Unit		Flowfast Rapid Transit Binder	Flowfast Rapid Transit SL Filler	Flowfast Pigment
22 kg	(13.0 litres)	5 kg	17 kg	150 – 250 g (dependant on colour)

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