

## Flowscreed Mortar

A single component, quick drying, cementitious screed used for repairing floors prior to the installation of the floor finish.

Laid by hand at thicknesses ranging from a minimum of 20 mm up to 50 mm neat. Thicknesses more than 50 mm can be extended by up to 50% with washed aggregates.



### Rapid Drying:

Can walk on after 4 hours under normal conditions.



### Durable:

Provides a strong and durable surface ready to receive a variety of finishes.



### Single Pack:

Supplied in single pack format reducing the need for excessive packaging.

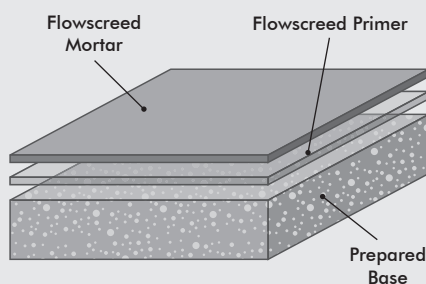


### Excellent Early Strength:

Exhibits excellent early compressive strength for repair projects.



### System Design



### Technical Profile\*

|                                     |   |                       |
|-------------------------------------|---|-----------------------|
| COMPRESSIVE STRENGTH<br>(ASTM C109) | 1 DAY   | >30 N/mm <sup>2</sup> |
|                                     | 7 DAYS  | >50 N/mm <sup>2</sup> |
|                                     | 28 DAYS   | >70 N/mm <sup>2</sup> |
| FLEXURAL STRENGTH<br>(ASTM C348)    | 1 DAY   | > 4 N/mm <sup>2</sup> |
|                                     | 7 DAYS  | > 5 N/mm <sup>2</sup> |
|                                     | 28 DAYS   | > 6 N/mm <sup>2</sup> |
| ADHESION (28 DAYS)                  |   |                       |
| > 1.5 N/mm <sup>2</sup>             |   |                       |
| WORKING TIME                        |   |                       |
| 45 mins at 20°C                     |   |                       |
| WALK ON TIME                        |   |                       |
| 4 hours at 20°C                     |   |                       |
| OVERCOATING TIME (20°C, 50% RH)     |   |                       |
| 20-50mm thick                       | 1 day (dependant upon thickness, ambient conditions, substrate condition and relative humidity in the screed) |                       |

\* These figures are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity.

## Model Specification

|                     |  |
|---------------------|--|
| <b>System</b>       | Flowscreed Mortar  |
| <b>Thickness</b>    | 20-50mm (thickness more than 50mm, can be extended by adding 6mm washed stone, 12.5kg per bag) |
| <b>Manufacturer</b> | Tremco CPG Malaysia  |

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

## Products Included In This System

|               |                   |
|---------------|-------------------|
| <b>Primer</b> | Flowscreed Primer |
| <b>Mortar</b> | Flowscreed Mortar |

Detailed application instructions are available upon request.

## Substrate Requirements

Concrete or screed substrate should be a minimum of 25N/mm<sup>2</sup>, free from laitance, dust and other contamination. The substrate should be dry to 75% RH as per BS8204 and free from rising damp and ground water pressure.

## Hardening & Drying Times

The Flowscreed Mortar may be walked on after 4 hours, and may be sanded if required 24 hours after application.

Where a floor finish is to be installed, it may be installed after 24 to 48 hours, depending on the type of finish, thickness of Flowscreed Mortar, substrate and ambient conditions.

## Protection on Completion

Ensure the screed is not subject to draughts during the first 24 hours of curing as this may lead to cracking and crazing. Tape up doorways with polythene to prevent air movement. Prevent contamination by following trades.

## Installation Service

The installation should be carried out by a licensed contractor with a documented quality assurance scheme. For details of our licensed contractors, contact our customer service team or enquire via our website at [www.flowcreteasia.com](http://www.flowcreteasia.com)

## 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, maintenance and cleaning. Environmental and health considerations are controlled during manufacture and application of the products by Flowcrete staff and fully trained and experienced contractors.

## Important Note

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.

## Further Information

To ensure you are specifying a fit-for-purpose floor, please consult our Technical Advisors or visit our website to register your interest in specifying one of the most durable floors on the market.

1. System Data Sheet to be read in conjunction with Method Statement and Product data Sheets.