



## Flowscreed Industrial Top (Green)



### Description

A single component, quick drying, cement based screed for levelling floors.

Flowscreed Industrial Top can be laid at thicknesses up to 20mm, with a minimum of 7mm when pumped or 4mm when laid by hand.

### Uses

For fast track refurbishment and new construction in factories, workshops, warehouse etc., where there is a demand for a smooth surface.

In areas of light foot traffic Flowscreed Industrial Top may be used alone or with a seal coat.

In heavy traffic areas, the Flowscreed Industrial Top should be used in combination with a resin topping to provide greater resistance to wear.

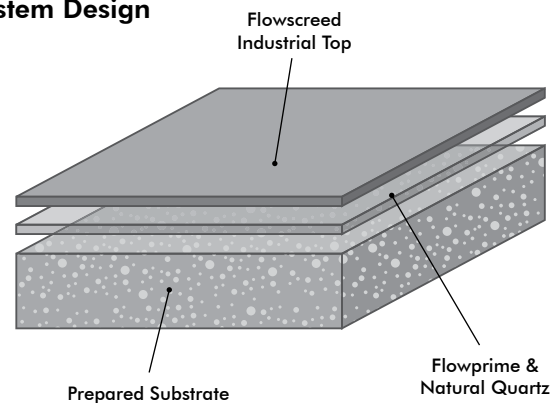
### Benefits

- Quick drying
- Strong durable floor topping
- Self smoothing (above 7mm)
- Rapid setting - walk on after 2 - 4 hours under normal conditions
- Normally cover after 24 hours at screed thicknesses up to 10mm
- Pumpable or hand laid
- Single pack
- Protein free – will not harbour bacteria

### Project References

Available on request.

### System Design



## Model Specification

Product: Flowscreed Industrial Top  
Thickness: between 4 - 20mm  
Preparatory work and application in accordance with suppliers instructions.  
Manufacturer: Flowcrete Middle East FZCO  
Telephone : Customer Service +971 4 886 4728

## 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 up to 75% RH as per BS8204 and free from rising damp and ground water pressure. If no damp proof membrane is present, Hydraseal DPM can be incorporated directly beneath the Flowscreed Industrial Top system, enabling the immediate installation of floor finishes once the screed has dried.

## Products Included in this System

Flowprime  
Natural Quartz  
Flowscreed Industrial Top  
Resin topping (if required): see relevant Flowcrete data sheets

Detailed application instructions are available upon request.

## Installation Service

The installation should be carried out by a Flowcrete approved applicator with a documented quality assurance scheme. Obtain details of our approved contractors by contacting our customer service team or enquiring via our website at [www.flowcrete.ae](http://www.flowcrete.ae)

## 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 the manufacture and application of the products by Flowcrete staff and fully trained and experienced contractors.

## Technical Information

The figures that follow are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity.

|  |  |
|--|--|
| Compressive Strength (28 days)           | 35 N/mm <sup>2</sup>   |
| Adhesion (28 days)                       | > 1 N/mm <sup>2</sup>  |
| Protein Content                          | Nil  |
| Recommended Thickness                    | 4 - 20mm by hand<br>7 - 20mm by pump   |
| Laying Temperature                       | 6 - 35°C   |
| Working Time                             | 20 minutes at 20°C   |
| Walk on Time                             | 2 - 4 hours at 20°C  |
| Overcoating Time                         | (20°C, 50% RH)<br>10mm thick - 1 day<br>(dependant upon thickness, ambient conditions & substrate condition) |
| Flow Ring<br>(65mm diameter x 40mm high) | 230 - 250mm  |

## Hardening and Drying Times

The Flowscreed Industrial Top may be walked on after 2 to 4 hours, and maybe 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 Industrial Top, substrate and ambient conditions.

## Protection on Completion

Ensure the screed is not subject to draughts during the first 6 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.

## Important Note

Flowcrete's products are guaranteed against defective materials and manufacture and are sold subject to its standard Terms and Conditions of Sale, copies of which can be obtained on request.

## Further Information

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