

## Flowtex HT



### Description

Flowtex HT is a hard-wearing, epoxy mortar screeding compound. A solvent free epoxy hand trowelled screed system available in a range of colours. Applied at 6-7mm.

### Uses

Ideal for use in heavy-duty industrial environments and dry process areas where the floor is subject to heavy traffic, impact and chemical spills.

### Benefits

- Quick set strength development to over 70mPa.
- Excellent adhesion.
- High abrasion and impact resistance.
- Very good chemical resistance.
- Good resistance to thermal shock.
- Excellent mechanical properties.
- Can be applied to vertical walls.
- Low exotherm allows for applying thick screeds.
- Can be supplied in many colours.
- Easy to clean.

### Project References

Anglo American, Bromor Foods, Blue Ribbon Bakeries, Clover SA, Eskom, Sappi Saiccor, Sasol, Impala Platinum Refinery, Unilever.

### Model Specification

Product: Flowtex HT epoxy screed  
Finish: Gloss or with matt seal coat  
Thickness: 6 mm

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

### Substrate Requirements

Concrete slabs and screeds should have a good wood float finish conforming in evenness and level to the required tolerance, with a minimum compressive strength of 20mPa, with screeds of a minimum thickness of 20mm. All screeds must be free from damp and all contamination. Profile screed with shot blasting or scarified.

### Standard Colour Chart



Light Grey



Mid Grey



Molluca



Tile Red



Light Stone



Forest Green



Cream



Beige

## Products Included in this System

Flowtex HT Epoxy + Activator + Aggregate.

Detailed application instructions are available upon request.

## Installation Service

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

## Focus on the Floor-zone

Flowcrete Group plc are world leaders in specialist industrial and commercial flooring. Systems available include: underfloor heating systems, floor screeds, surface damp proof membranes, decorative floor finishes, seamless terrazzo, car park deck waterproofing, tank lining systems... to name just a few. Our objective is to satisfy your Floorzone needs.

## Important Note

Flowcrete's products are guaranteed against defective materials and the finished product.

## Technical Information

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

Fire Resistance:	Class G
Slip Resistance:	Certificate No. 1721/75 SITAC Method described in BS 7976-2 ( typical values for 4-S rubber slider) Dry 59    Wet 35 ( 40 if size 5 Quarts)
Thermal Resistance:	Max 60°C
Water Permeability:	Nil- Karsten test (impermeable)
Surface Hardness:	Shone D 80
Chemical Resistance:	Excellent to acids and alkali Consult our technical department for details
Abrasion Resistance:	BS 8204: Part 2:2002 Class AR2- Medium duty industrial and commercial >70 N/mm <sup>2</sup> ( BS6319 )
Compressive Strength:	
Flexural Strength:	25 N/mm <sup>2</sup> ( BS6319 )
Tensile Strength:	10 N/mm <sup>2</sup> ( BS6319 )
Bond Strength:	Greater than cohesive strength of 25 N/mm <sup>2</sup> concrete >1.5mPa

## Speed of Cure

	10°C	20°C	30°C
Light traffic	36 hrs	16 hrs	12 hrs
Full traffic	72 hrs	18 hrs	12 hrs
Full chemical cure	7 days	7 days	7 days

## Aftercare - Cleaning and Maintenance

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

## Life Expectancy

10 Years: subject to correct maintenance regime.

## 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.

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