



HOPE
Construction Materials



Self compacting flowing **HOPEFlow Gypscreeed™** is a combination of high quality binder, specially selected sands, water and special additives where required. It is designed to offer a smooth flat and level surface for use in the vast majority of interior non-wearing applications where a subsequent floor covering is to be used.

Uses

- ✗ Floating construction
- ✗ Bonded or unbonded construction
- ✗ Timber frame
- ✗ Lightweight steel frame
- ✗ Traditional masonry
- ✗ Modular construction
- ✗ Concrete and steel frame
- ✗ Incorporation of electric or wet under floor heating systems

Benefits

- ✗ Enhanced drying rate
- ✗ Cost effective compared to traditional screed
- ✗ Self-compacting properties mean little manual handling
- ✗ No curing required
- ✗ High recycled content and low embedded CO₂

HOPE™
Flow
GYPSCREED

DATASHEET

**HOPEFlow
Gypscreeed™**
– self compacting
flowing screed



SPECIFICATION OVERVIEW

Physical data

Appearance	Off White Fluid Mortar
Density:	
Wet	2200kg/m ³
Dry	2300kg/m ³
Required flow	(EN 13454-2) 230-270mm
Typical Strength (28 days)	CA-C30-F5
Fire Rating Class	A ₁ _{fl}

Performance data

Setting time:	
Initial set	>240 minutes
Final	<660 minutes
Foot Traffic	24 to 48 hours
Loading	5 to 7 days
Drying (20°C/60% RH)	1 mm per day for first 40mm
	0.5mm per day thereafter
Force Drying	Can be force dried after 7 days

Application Data

Minimum Depth	
Bonded	25mm
Unbonded	30mm
Floating	35mm Domestic
	40mm Commercial
Acoustic	80kg @ 40mm
Cover to conduits	25mm

HOPEFlow Gypscreeed™ screeds are suitable for use on most substrate types

Environmental Data

Recycled Content	
Binder	98%
Mortar	up to 40%
Carbon Emissions	
Binder	10 to 20kg/tonne
Mortar	20 to 40kg/m ³
VOC	zero
Recyclability	100%

DATASHEET

Health and Safety Data

HOPEFlow Gypscreeed™ screeds are delivered to site ready to use via offsite mixing plants removing the need for labour intensive site mixing and associated mixing equipment.

HOPEFlow Gypscreeed™ screeds are pumped directly to where they are needed removing much of the manual handling operations required to install other screeds.

HOPEFlow Gypscreeed™ screeds are generally pumped using equipment with closed or grilled dispensing hoppers removing risk of contact with moving machinery.

HOPEFlow Gypscreeed™ screeds are finished using a lightweight dappling bar requiring no secondary compaction thus removing most of the physical work needed to lay other screeds. This significantly reduces the negative impact on the musculo-skeletal system of installing contractors.

For material safety information please see the relevant health and safety data sheets.

Britain's leading independent concrete supplier



The information given in this technical datasheet is based on our current knowledge and is intended to provide general notes on our products and their uses. Hope Construction Materials endeavours to ensure that the information given is accurate but accept no liability for its use or its suitability for a particular application because of the product being used by the third party without our supervision.

Hope Construction Materials is a trading name of Hope Cement Limited (Company Reg No 8134185) and Hope Ready Mixed Concrete Limited (Company Reg No 8132394).

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