



**HOPE**  
Construction Materials



Self compacting flowing **HOPEFlow Gypscreen™** 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 CO<sub>2</sub>

**HOPE™**  
**Flow**  
GYPSCREEN

DATASHEET

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



SPECIFICATION OVERVIEW

**Physical data**

Appearance	Off White Fluid Mortar
<b>Density:</b>	
Wet	2200kg/m <sup>3</sup>
Dry	2300kg/m <sup>3</sup>
Required flow	(EN 13454-2) 230-270mm
Typical Strength (28 days)	CA-C30-F5
Fire Rating Class	A <sub>1</sub> <sub>fl</sub>
<b>Performance data</b>	
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**

<b>Minimum Depth</b>	
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	
<b>Environmental Data</b>	
<b>Recycled Content</b>	
Binder	98%
Mortar	up to 40%
<b>Carbon Emissions</b>	
Binder	10 to 20kg/tonne
Mortar	20 to 40kg/m <sup>3</sup>
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 grided 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 Limited is a company registered in England and Wales  
Registered office:  
3rd Floor, Berkeley Square House  
Berkeley Square Mayfair, London W1J 6BU  
Company Registration Number. 8284549,  
VAT No. GB 179 9400 64.