



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.



TM

Flow

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



SPECIFICATION OVERVIEW

Physical data		Application Data	
Appearance	Off White Fluid Mortar	Minimum Depth	
Density:		Bonded	25mm
Wet	2200kg/m ³	Unbonded	30mm
Dry	2300kg/m ³	Floating	35mm Domestic 40mm Commercial
Required flow	(EN 13454-2) 230-270mm	Acoustic	80kg @ 40mm
Typical Strength (28 days)	CA-C30-F5	Cover to conduits	25mm
Fire Rating Class	A1 _{fl}	HOPEFlow Gypscreeed™ screeds are suitable for use on most substrate types	
Performance data		Environmental Data	
Setting time:		Recycled Content	
Initial set	>240 minutes	Binder	98%
Final	<660 minutes	Mortar	up to 40%
Foot Traffic	24 to 48 hours	Carbon Emissions	
Loading	5 to 7 days	Binder	10 to 20kg/tonne
Drying (20°C/60% RH)	1 mm per day for first 40mm 0.5mm per day thereafter	Mortar	20 to 40kg/m ³
Force Drying	Can be force dried after 7 days	VOC	zero
		Recyclability	100%

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 gridded dispensing hoppers removing risk of contact with moving machinery.

HOPEFlow Gypscreeed™ screeds are finished using a lightweight dapping 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.

