



HOPE
Construction Materials



Self compacting flowing HOPEFlow Gypscreen™ RL 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

Reduced Laitence

HOPEFlow Gypscreen™ RL (Reduced Laitence) offers a product with significantly reduced surface laitence.

Whilst this product produces less friable laitence it should not be considered laitence free and may still require some sanding to remove this.

It should be noted that best practice dictates that all screeds require lightly abrading as part of the preparation to receive bonded floor coverings.

This helps to remove surface contamination and promotes a key for primers and adhesives.

TM

 **Flow**



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

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

HOPEFlow Gypscreeed™ RL 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.

