

SELF-COMPACTING FLOWING BREEDONFlow® 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 applications.

BREEDONFlow® Gypscreeed is a self-compacting flowing screed and is made to a specific design 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.

BREEDONFlow® Gypscreeed is perfectly suited to use in floating, bonded or un-bonded construction and can easily incorporate electric or warm water underfloor heating systems.

Subject to design and specification Breedon also offer a BREEDONFlow® Gypscreeed range for final floor application without the need for subsequent floor coverings.

#### PRODUCT RANGE

- BREEDONFlow® Gypscreeed
  - *Classic*
- BREEDONFlow® Gypscreeed
  - *Low Laitance*
- BREEDONFlow® Gypscreeed
  - *XS*
- BREEDONFlow® Gypscreeed
  - *HTC (High Thermal Conductivity)*
- BREEDONFlow® Gypscreeed
  - *TimBRE*
- BREEDONFlow® Gypscreeed
  - *Summit*
- BREEDONFlow® Gypscreeed
  - *Modular*
- BREEDONFlow® Gypscreeed
  - *Rustique*
- BREEDONFlow® Gypscreeed
  - *TS15 & TS20*



#### APPLICATIONS

- Floating construction
- Bonded or unbonded construction
- Timber frame
- Lightweight steel frame
- Traditional masonry
- Modular construction
- Concrete and steel frame
- Incorporation of electric or wet underfloor 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>

**HEALTH AND SAFETY DATA**

BREEDONFlow® 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.

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

BREEDONFlow® Gypscreeed screeds are generally pumped using equipment with closed or grided dispensing hoppers removing risk of contact with moving machinery.

BREEDONFlow® 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.

**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	A1

**Performance data**

<b>Setting time:</b>	
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

BREEDONFlow® Gypscreeed screeds are suitable for use on most substrate types

**Environmental Data**

<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%

**TO DISCUSS YOUR PROJECT REQUIREMENTS, AND FOR MORE INFORMATION ABOUT OUR PRODUCTS CONTACT:**

**01382 537600** (Scotland)

**01332 694010** (England/Wales)

enquiries.breedon@breedongroup.com

[www.breedongroup.com](http://www.breedongroup.com)

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. Breedon Group plc 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.

Breedon Group Head Office:  
Pinnacle House, Breedon Quarry,  
Breedon on the Hill, Derby DE73 8AP