

BREEDONFlowScreedCS™ IS A LOW SHRINK, FREE-FLOWING CEMENTITIOUS SCREED THAT IS APPLIED BY PUMP. IT IS SUITABLE FOR MOST FLOORING APPLICATIONS, INCLUDING UNDERFLOOR HEATING AND WET ENVIRONMENTS.

BREEDONFlowScreedCS™ has been designed to provide a smooth level surface prior to the application of the desired floor finish.

PRODUCT DESCRIPTION

BREEDONFlowScreedCS™ is specifically designed for both commercial and residential construction types prior to the application of the desired floor finish. BREEDONFlowScreedCS™ is suitable for floating, bonded and un-bonded flooring systems, including most underfloor heating systems.

BREEDONFlowScreedCS™ is suitable for all residential and commercial floors carrying pedestrian traffic as described within BS8204. However, it is always recommended to contact us to discuss your project requirements and for more information before commencing.

BENEFITS

- Can be applied in thinner sections compared to standard cementitious screed
- Cover to underfloor heating can be decreased to a minimum thickness of 30mm
- Can be applied over rigid insulation or acoustic matting boards at a minimum thickness of 40mm
- Specifically designed to give low shrinkage, which means fewer cut joints compared to a full cement based traditional screed
- Can receive foot traffic 48 hours after placing
- Internal partitions may be erected after 7 days
- Can be applied in future wet rooms (bathrooms/showers)
- Increased thermal advantages compared to traditional screeds
- Ease of installation through approved installers, ensuring a quality finish
- Can receive most types of floor coverings after 21 days
- Can be forced dried from 7 days
- Large floor areas in excess of 1000m² can be installed within a day
- Self-placing, self-compacting material that will fully encapsulate underfloor heating pipes



Areas of up to 100m² can easily be poured and finished within an hour saving time, labour and money.

BREEDONFlowScreedCS™ must be laid by a specialist and approved installer.

PRODUCT RANGE

BREEDONFlowScreedCS™ CT25/F4

MINIMUM THICKNESS

- Cover to heating pipes – 30mm minimum
- Un-bonded – 50mm
- Floating over thermal insulation
 - 35mm (residential)
 - 40mm (commercial)

USE - CONSIDERATIONS

- BREEDONFlowScreedCS™ is not suitable for a wearing surface and external areas
- BREEDONFlowScreedCS™ should only be laid when the internal air temperature is between 5°C and 30°C
- BREEDONFlowScreedCS™ should only be applied when the building is weathertight. When placed on ground floors, the area must have appropriate damp-proof membranes in place.
- BREEDONFlowScreedCS™ should not be used where falls are required

PLACING

- Correct curing techniques must be used for e.g. a curing agent sprayed onto the surface
- The floor must not be subject to severe drafts, direct sunlight or heating for the first 48 to 72 hours
- All rooms and areas where the screed is laid should be sealed for a minimum of 24 to 48 hours depending on external ambient conditions
- Once the initial time of 24 to 48 hours has passed, ventilate the rooms during the day and seal at night, to allow the screed to dry more naturally

DRYING

- Before applying any final floor finishes, we recommend following the manufacturers guidelines.
- When a screed is to receive a bonded floor covering, it is advisable to follow the manufacturers recommendations for the maximum moisture tolerance permitted within the screed

Generally, BREEDONFlowScreedCS™ requires no sanding of the surface for non-bonded floor coverings, however for bonded systems, please refer to the manufacturers guidelines for final surface preparation requirements

JOINTING

Areas of up to 50m² can be laid without joints, however consideration must be given to doorways and service box outlets.

FLOOR FLATNESS

Easily achieves SR2 under BS8204.

ENVIRONMENT

- BREEDONFlowScreedCS™ should be applied in a weathertight environment; it must be protected from the wind and rain together with internal temperatures not exceeding outside 5°C to 30°C parameters
- Once the screed has been laid, the area should be sealed for 24 to 48 hours dependent on external temperatures. After this point, the opening of doors and windows to assist in the drying process should ventilate the area. During the night, all doors and windows must be closed then reopened in the morning. This process should be repeated until the desired relative humidity has been achieved
- The natural sands used in the manufacturing process may occasionally contain some minor organic constituents, which can appear on the surface of the screed. These are generally inert and will not be detrimental to the structural integrity of the floor

FLOOR COVERINGS

BREEDONFlowScreedCS™ is compatible with most floor coverings that require primers and cementitious adhesives. If in doubt, always refer to the manufacturers technical data sheets for the instructions of use.

Further advice can be sought through your local customer service centre.

HEALTH AND SAFETY

Some of the components of this product may be hazardous during mixing and application. Please visit www.breedongroup.com to download our COSHH data sheet for ready-mixed concrete.

TECHNICAL DATA

Compressive Strength class:	C25
Flexural Strength class:	F4
Appearance/Colour:	Light Grey fluid mix
Wet Density	2,200 kg/m ³
Dry Density	2,000 kg/m ³

SPECIFICATION

Flow Range:	260mm - 280mm
Range of Fluidity:	2 hours
Compressive Strength at 28 days:	25N/mm ²
Density	2,200 kg/m ³
Reaction to fire:	A1
pH value Class:	>10
Wear Resistance:	N/A - not a wearing course screed

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

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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.

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