



# screedflo



## SCREEDFLO FAST DRYING SCREED

SCREEDFLO is a screed product comprising anhydrite binder mixed with selected sharp sand and water. Screedflo Fast Drying screed is suitable for most floor screed applications.

Screedflo Fast Drying screed offers many major advantages over other screeds including:

RAPID installation – up to 500m<sup>2</sup> per day. Allows reduced programme time, as little as half the time for standard liquid screeds.

RAPID finishing – NO spray on curing membranes reducing airborne contamination and eliminating associated safety issues

RAPID strength gain – No reinforcement or fibres required and fewer joints with much larger bay sizes

RAPID setting – allows early foot traffic and can be loaded after 7 days

RAPID thermal response – greater efficiency of underfloor heating

RAPID completion – allows early floor covering application, eg. as little as half the time when compared to standard Screedflo screed.

### Note: Application of coverings

Underfloor Heating must be commissioned and run prior to laying bonded coverings. Once moisture testing is complete in line with BS8204:7:2003 and the screed is confirmed dry, the surface should be treated in line with the Contract Flooring Association requirements, the relevant British Standards and the advice of the adhesive manufacturers. Preparations remain the responsibility of the floor covering contractor and include lightly abrading the surface. This helps promote primer penetration, provides a key for adhesives and removes extraneous debris e.g. mortar, plaster and mud, and removes loose friable laitance. It is generally unnecessary to remove the top surface of the screed to expose an aggregated finish.

### Application data:

Unbonded 30mm  
Floating (Domestic) 35mm  
Floating (Commercial) 40mm  
Underfloor Heating - Minimum cover to pipes 20mm

### Physical data

Anhydrite binder mixed with selected sharp sand and water.

**Appearance** off white fluid mortar

**PH:** 10 – 12

**Wet Density:** 2,200kg/m<sup>3</sup>

**Dry Density:** 2,000kg/m<sup>3</sup>

**Required flow:** 230mm to 250mm

**Non-combustible building material** Class A1 BS EN13501.

**Thermal expansion coefficient** 0.012mm/mK.

**Minimum strength** C35-F6

Stronger mix designs may be available on request to allow for alternative applications.

**Setting Time:** Initial Set > 300 minutes

**BRE Impact Test:** Category A less than 3mm.

### Performance data

Foot traffic in 48 hours

Loading 7 days

Drying times are dependent on depth of screed, ambient conditions and suitability of building envelope.

14 days at 50mm depth. At 20 degrees C and 60% RH\*

Force drying: Can be force dried after 7 days.

SR2 tolerance finish can be readily achieved as described in BS8204.

Tests are based on 50mm depth of screed and indicate that it can take as little as 14 days to achieve 75% surface RH measured using calibrated hygrometer to BS8204:7:2003. A Carbide Bomb test may be used and must measure below 0.5% b/w. Moisture tests should always be carried out prior to application of finished floor covering. Note that drying rates are affected by site conditions, screed depth and added water whether pre or post installation

### Environmental data

Recycled Content	Binder 98%
	Mortar up to 40%
Carbon Emissions	Binder 20-40kg/tonne
	Mortar 30-50kg/m <sup>3</sup>

Environmentally friendly and protein free.

Screed 100% recyclable

Components of this product may be hazardous during application and mixing. Please consult the Screedflo Health & Safety Data Sheets which can be obtained from our Head Office on 01621 874781.

For all enquiries, please contact

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