

Modern flowing screeds have many obvious benefits over traditional sand and cement products. Being quicker to lay, less labour intensive and offering huge advantages on site programmes, the use of flowing screed is becoming widely accepted throughout the building industry.

Screedflo is competitively priced and can offer several other advantages over existing anhydrite brands including:

- | | | |
|-------------------------------------|--------------------------------------|---------------------------------|
| 1. Mobile on-site batching. | 3. Guaranteed delivery times. | 5. Reduced plant costs. |
| 2. Improved quality control. | 4. Reduced wastage. | 6. Reduced labour costs. |

The '**Mobile Floor Screed Factory**' is a self-contained truck that carries 10m³ of dry material and comes complete with a pump and operator. Just add water! When the truck is in position the screed is mixed and pumped via delivery hoses over a distance of up to 150m.

The '**Mobile Floor Screed Factory**' is capable of delivering 8m³ of material per hour.

What is Screedflo and where can it be used?

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

The minimum thicknesses for Screedflo are:

Bonded	25mm
Unbonded	30mm
Floating (Domestic)	35mm
Floating (Commercial)	40mm
Underfloor Heating - Minimum cover to pipes	30mm

Benefits of using Screedflo

- Competitively priced.
- Productivity – areas of 1,000m² can be achieved in one day.
- Foot traffic in 24 – 48 hours.
- No curing period required.
- Exceptionally low shrinkage – minimal risk of cracking and curling.
- No reinforcement necessary.
- Drying time can be calculated at an approximate rate of 1.4mm per day up to a screed depth of 40mm. (Drying times can be affected by adverse site conditions).
- Reduced thickness when compared to traditional sand and cement screed.
- Weight saving as a result of reduced thickness.
- Environmentally friendly.

Underfloor Heating

- Use of Screedflo enables rapid commissioning of underfloor heating systems in accordance with BS1264:2001-Part 4 clause 4.4.
- Screedflo completely encapsulates pipe work, maximising heat transfer and increasing the thermal efficiency of underfloor heating systems.

Technical/Health and Safety Data

Anhydrite binder mixed with selected sharp sand and water.

Water demand:	15 – 17% b.w.
PH:	10 – 12
Wet Density:	2,200kg/m ³
Dry Density:	2,000kg/m ³

Non-combustible building material Class A1 BS EN13501.

Thermal expansion coefficient 0.012mm/mK.

Thermal conductivity 2.2W/mK – 2.9W/mK.

Environmentally friendly and protein free.

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 the telephone number below.

Flow: (DIN 1060 Test) 210 – 240mm

Setting Time:	
Initial Set	> 300 minutes
Final Set	< 600 minutes
(Dependent on mix design)	

Flexural Strength: 4 – 6 N/mm²

BRE Impact Test: Category A less than 3mm.

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

