

SCREEDFLO EXTRA STRENGTH SCREED DATA SHEET



SCREEDFLO liquid screed comprises anhydrite binder mixed with selected sharp sand and water. Extra Strength screed is suitable for most floor screed applications. It is an enhanced strength mix, which offers a minimum C35-F6.

Screedflo Extra Strength is suitable with underfloor heating systems, either electric or warm water. It is suitable for use in both residential and commercial properties, including apartments, schools, prisons, hospitals and single dwellings where higher loadings and more durable screed floors are required.

Screedflo Extra Strength is also ideal for use in acoustic and non acoustic flooring systems which use timber joists as their primary supporting structure. It will help to improve the acoustic performance of the floor to meet or exceed Part E of the building regulations.

Screedflo Extra Strength screed also improves the environmental, fire resistance and durability characteristics and gives a concrete feel to a timber supported floor. Where Screedflo Extra Strength screed is designed to be used in conjunction with a compressible, or an acoustic resilient insulation, an acoustician should be consulted to approve the design prior to installation where acoustic performance is required.

Application data:

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

Performance data

Foot traffic in 48 hours
Loading 5 to 7 days
Drying times are dependent on depth of screed, ambient conditions and suitability of building envelope.
1mm per day up to 40mm 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.

Physical data

Anhydrite binder mixed with selected sharp sand and water.

Appearance off white fluid mortar

PH: 10 – 12

Wet Density: 2,200kg/m³

Dry Density: 2,000kg/m³

Required flow: 230mm to 270mm

Non-combustible building material Class A1 BS EN13501.

Thermal expansion coefficient 0.012mm/mK.

Characteristic strength C35-F6

Setting Time: Initial Set > 300 minutes

BRE Impact Test: Category A less than 3mm.

Environmental data

| | |
|--|-------------------------------|
| Recycled Content | Binder 98% |
| | Mortar up to 40% |
| Carbon Emissions | Binder 10-30kgs/tonne |
| | Mortar 30-50kg/m ³ |
| Environmentally friendly and protein free. | |
| Screed 36% recycled content, 100% recyclable | |