



screedflo



SCREEDFLO THIN SCREED TS-15 DATA SHEET

Screedflo Thin Screed TS-15 screed is a revolutionary new anhydrite screed material. It is specially formulated to offer a strong and durable thin topping to a solid interior substrate, for example, in situ concrete or beam and block or precast concrete plank.

Tested to BS 8204:1:2003 it meets the requirements for class A for impact resistance. Due to its thin depth, just 15mm minimum, TS-15 will dry quickly allowing rapid return to service and application of finished floor coverings.

Screedflo Thin Screed TS-15 is perfectly suited to flooring applications where height is extremely restricted and offers a lightweight cost-effective alternative to smoothing compounds. It can be installed extremely quickly, around 1000m² per day. This represents a significant saving in time when compared to bagged, site mixed smoothing compounds and levelling screeds.

Screedflo Thin Screed TS-15 screed is designed to be laid to a minimum of 15mm depth and can be used either bonded directly to a solid substrate prepared in accordance with BS 8204:7:2003 or un-bonded on a polythene membrane. TS-15 screed can also be used over low profile underfloor heating systems.

Some typical applications include:

- Refurbishment of old uneven floors.
- Remediation or correction for out of level concrete slabs
- As a levelling screed over floors where floor to ceiling height is very restricted.
- Sub floor levelling in preparation to receive finished floor coverings.
- Overlay for poorly levelled screeds
- As an alternative to lightweight screeds

Application data:

Unbonded 15mm

Bonded 15mm*

*Prepare the substrate in accordance with BS8204:7:2003 using a gritted 2 coat epoxy resin DPM or similar

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.

Performance data

Place and finish within 2 hours of batching.

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. At 20 degrees C and 60% RH.

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

Maximum bay length 20m

Maximum aspect ratio 6:1

Maximum bay size 500m²

Movement joints should be placed at door thresholds, and where heated and unheated screeds meet.

Environmental data

Typical embodied CO₂ 2-3kg/m²