

SCREEDFLO THIN SCREED TS-20 DATA SHEET



SCREEDFLO is a CE certified product comprising anhydrite binder mixed with selected sharp sand and water.

Screedflo Thin Screed TS-20 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 20mm minimum, TS-20 will dry quickly allowing rapid return to service and application of finished floor coverings.

Screedflo Thin Screed TS-20 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-20 screed is designed to be laid to a minimum of 20mm 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-20 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:

Bonded 20mm
Unbonded 20mm

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 C30-F5

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.

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	