

# FLOW-TS15

## TS15 DATASHEET

### PHYSICAL DATA

<b>Appearance</b>	Off white fluid mortar
<b>Density</b>	Wet 2200kg/m <sup>3</sup> Dry 2000kg/m <sup>3</sup>
<b>Typical Strength (28 days) N/mm<sup>2</sup></b>	C35-F6
<b>Required Flow (EN 13454-2)</b>	230mm to 270mm
<b>Reaction to Fire</b>	Class A1 <sub>fl</sub> non combustible

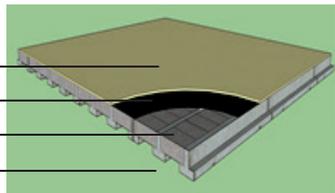
### PERFORMANCE DATA

<b>Working Time :</b>	Place within 2 hours of batching Finish within 1 hour of placing
<b>Foot Traffic</b>	24 to 48 hours
<b>Loading</b>	5 to 7 days
<b>Drying Time (20 °C/60% RH)</b>	in excess of 1mm/day
<b>Force Drying</b>	Can be force dried after 7 days
<b>Minimum Depth</b>	15mm

### TYPICAL APPLICATION SCHEMATIC

#### TS15 Screed laid Un-Bonded

Minimum 15mm Flow TS15  
Screed Polythene Slip Membrane  
Solid Substrate as specified  
Ceiling detail to be specified (not shown)



### ENVIRONMENTAL DATA

<b>Recycled Content</b>	Binder 98% Mortar up to 40%
<b>Carbon Emissions</b>	Binder 10 to 20kg per tonne Mortar 20 to 40kg per m <sup>3</sup>
<b>VOC</b>	Virtually zero
<b>Recyclability</b>	100% ♻️

### HEALTH AND SAFETY DATA

**Flow TS15** screed is delivered to site ready to use via offsite mixing plants eliminating the need for labour intensive site mixing and associated mixing equipment.

**Flow TS15** screed is pumped directly to where it is needed, eliminating much of the manual handling operations required to install other screeds.

**Flow TS15** screed is generally pumped using equipment with closed or gridded dispensing hoppers, removing risk of contact with moving machinery.

**Flow TS15** screed is finished using a lightweight dappling bar requiring no secondary compaction, thus removing most of the physical work needed to lay other screeds. This significantly reduces the negative impact on the musculoskeletal system of installing contractors.

**For material safety information please see the relevant health and safety data sheets.**

### DESCRIPTION

Flow TS15 screed is a revolutionary new anhydrite screed material. It is specially formulated to offer a strong and durable ultra-thin topping to a solid interior substrate, for example, in situ concrete or beam and block or precast concrete plank. Tested to BS8204:1:2003 it meets the requirements for class A for impact resistance. Due to its ultra-thin depth, just 15mm minimum, TS15 can be dried quickly allowing rapid return to service and application of finished floor coverings.

**Flow TS15** 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 to at least 2000m<sup>2</sup> per day. This represents a significant saving in time when compared to bagged, site mixed smoothing compounds and levelling screeds.

**Flow TS15** 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 BS8204:7:2003 or un-bonded on a polythene membrane.

For project specific advice on design and for a model specification, contact our technical and specifications team on **01483 662244**

#### 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 light weight screeds



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