

HIGH QUALITY ULTRA THIN SCREED FOR BONDED AND UNBONDED APPLICATIONS



TS - 15
DATASHEET

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DESCRIPTION:

Roadstone TS-15 Quick Floor 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, TS-15 can be dried quickly allowing rapid return to service and application of finished floor coverings.

Roadstone TS-15 Quick Floor Screed 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 2000m² per day. This represents a significant saving in time when compared to bagged, site mixed smoothing compounds and levelling screeds.

Roadstone TS-15 Quick Floor 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 unbonded on a polythene membrane.

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

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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PHYSICAL DATA

Appearance	Grey fluid mortar, can vary depending on location
Density	Wet 2200kg/m ³ Dry 2000kg/m ³
Typical Strength (28 days) N/mm²	CA-C35-F6
Required Flow (EN 13454-2)	230mm to 270mm
Reaction to Fire	Class A1fl Non Combustible

PERFORMANCE DATA

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

TYPICAL APPLICATION SCHEMATIC

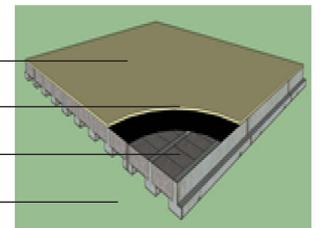
Laid Un-Bonded

Minimum 15mm

Polythene Slip Membrane

Solid Substrate as specified

Ceiling detail to be specified (not shown)



ENVIRONMENTAL DATA

Recycled Content	Binder	98%
	Mortar	up to 40%
Carbon Emissions	Binder	10 to 30kg/tonne
	Mortar	20 to 40kg per m ³
VOC	Virtually zero	
Recyclability	100%	

HEALTH AND SAFETY DATA

Roadstone Quick Floor Screeds are delivered to site ready to use via offsite mixing plants, removing the need for labour intensive site mixing and associated mixing equipment.

Roadstone Quick Floor Screeds are pumped directly to where they are needed, removing much of the manual handling operations required to install other screeds.

Roadstone Quick Floor Screeds are generally pumped using equipment with closed or gridded dispensing hoppers, removing risk of contact with moving machinery.

Roadstone Quick Floor Screeds are finished using a lightweight dapping 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.