

## PRODUCT DESCRIPTION

TAL SUPERSCREED SL is a grey single-component high-performance self-levelling and smoothing underlayment compound manufactured from rapid-setting shrinkage-compensated cement and selected aggregates, designed with high flow properties when added to water to produce a smooth and durable floor surface prior to the fixing of floor coverings with minimum installation time.

TAL SUPERSCREED SL is ideal for residential and commercial installations. TAL SUPERSCREED SL was developed as a self-levelling product; however the success of the installation is dependent on the correct background preparation and mixing procedures.

When mixed with TAL SCREEDBINDER (as a total water replacement) it becomes excellent for use as a protective barrier over under tile heating elements. The addition of TAL SCREEDBINDER could however affect the flow characteristics and self-levelling properties of TAL SUPERSCREED SL.

**It is imperative that the water : powder ratio is strictly adhered to.**

**Note : This product is designed for the above mentioned application only. TAL will not be liable for misuse or adulteration of the product.**

## TECHNICAL DATA

Type	Modified cementitious underlayment
Colour	Grey
Setting Type	Rapid setting
Pot life*	1 Hour 15 Minutes
Open Time* (Working time after mixing)	20 – 30 Minutes
Initial Set*	Minimum 2 Hours
Trafficable (light) After*	3 Hours
Floor Covering Installation*	After 24 Hours, depending on application thickness and ambient conditions
Compressive Strength (28 Days)	≥ 25MPa
Flexural Strength (28 Days)	≥ 4 MPa
Mixing Water Temperature	15°C - 25°C
Application Temperature Range (Ambient)	+ 10°C - +30°C
Slab Temperature	+ 10°C - +30°C
Temperature Resistance	+ 5°C - +60°C
Mixing Ratio	19kg / 5L
Min Application Thickness	Featheredge
Max Application Thickness	12mm
Density	1.8
Pack Size	19kg

\*At 25°C and 50% relative humidity.

The above data was obtained under laboratory conditions using freshly manufactured material. Actual results in the field will vary as a result of factors such as ambient temperatures, site conditions, etc.

## CLASSIFICATION ACCORDING TO EN13813

TAL SUPERSCREED SL is classified as a polymer-modified CT-C25-F4 screed (cementitious screed (CT) with a compressive strength (C) of minimum 25 N/mm<sup>2</sup> (MPa) and a flexural strength (F) of minimum 4 N/mm<sup>2</sup> (MPa)).

When mixed with TAL Screedbinder as a total water replacement TAL Superscreed SL is classified as polymer-modified CT-C30-F6 screed (cementitious screed (CT) with a compressive strength (C) of minimum 30 N/mm<sup>2</sup> (MPa) and a flexural strength (F) of minimum 6 N/mm<sup>2</sup> (MPa)).

## PACKAGING

19kg bags.

Maximum water content: 5L per bag.

## APPROXIMATE COVERAGE

1.8kg/m<sup>2</sup>/1mm thickness (ie a 19kg bag will cover approximately 3.5m<sup>2</sup> at a 3mm build).

Actual coverages will be determined by site conditions, workmanship, etc.

## SHELF LIFE & STORAGE

12 months from date of manufacture when stored in dry internal conditions between 10°C and 30°C and out of direct sunlight. To protect from damp never store directly on a concrete floor.