

PRODUCT DESCRIPTION

TAL SUPERSCREED is a grey single-component high-performance levelling and smoothing underlayment manufactured from rapid-setting shrinkage-compensated cement and selected aggregates formulated for rectifying and smoothing imperfections in floor surfaces.

Trowel-applied, it is designed to produce a smooth, hard wearing surface suitable for fixing all floor coverings including semi and fully flexible vinyl tiles and sheeting, carpeting, ceramic tiles, rubber and wood flooring.

TAL SCREEDBINDER should replace the water in the mix when TAL SUPERSCREED is applied in high traffic areas, commercial installations where rubber caster wheels form the majority of the traffic, all exterior/exposed areas, 'wet' areas, where building movement is expected, and where thermal expansion and contraction is expected (ie under tile heating).

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.

LABORATORY TEST 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	20kg / 5L
Min Application Thickness	Featheredge
Max Application Thickness	12mm
Density	1.8
Pack Size	20kg

*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 is classified as a polymer-modified CT-C25-F4 screed (cementitious screed (CT) with a compressive strength (C) of minimum 25 N/mm² (MPa) and a flexural strength (F) of minimum 4 N/mm² (MPa)).

When mixed with TAL SCREEDBINDER as a total water replacement TAL SUPERSCREED is classified as polymer-modified CT-C30-F6 screed (cementitious screed (CT) with a compressive strength (C) of minimum 30 N/mm² (MPa) and a flexural strength (F) of minimum 6 N/mm² (MPa)).

VOLATILE ORGANIC CONTENT

VOC = 2 g/L

PACKAGING

20kg bags.

Maximum water content: 5L per bag.

APPROXIMATE COVERAGE

1.8kg/m²/1mm thickness (ie a 20kg bag will cover approximately 3.7m² 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.