

PRODUCT DESCRIPTION

TAL SCREEDMASTER is a 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 it produces a smooth, flexible and hard wearing floor surface prior to the fixing of floor coverings with minimum installation time.

TAL SCREEDMASTER does not contain casein (or other protein bearing additives), making it ideal for hygiene applications such as hospitals and food preparation/storage areas. TAL SCREEDMASTER is only suitable for underlayment applications. If a durable floor covering is not going to be installed over the TAL SCREEDMASTER application, then a protective coating must be applied over the cured TAL SCREEDMASTER.

TAL SCREEDMASTER was developed as a self-levelling product; however the success of the installation is dependent on the correct background preparation and mixing procedures.

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*	30 - 50 Minutes
Open Time* (Working Time After Mixing)	20 Minutes
Initial Set*	Minimum 1 Hour
Trafficable (light) After*	3 Hours
Floor Covering Installation*	After 24 Hours, depending on application thickness and ambient conditions
Compressive Strength (28 Days)	25 - 30MPa
Flexural Strength (28 Days)	5 - 9 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	22kg / 5L
Min Application Thickness	3mm
Max Application Thickness	16mm
Density	1.8
Pack Size	22kg

*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 SCREEDMASTER is classified as a polymer-modified CT-C25-F5 screed (cementitious screed (CT) with a compressive strength (C) of minimum 25 N/mm² (MPa) and a flexural strength (F) of minimum 5 N/mm² (MPa)).

VOLATILE ORGANIC CONTENT

VOC = 2.55 g/L

PACKAGING

22kg bags.
Maximum water content : 5L per bag.

APPROXIMATE COVERAGE

1.8kg/m²/1mm thickness (ie a 22kg bag will cover approximately 4m² 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.