

PRODUCT DESCRIPTION

TAL SCREEDMASTER INDUSTRIAL is a single-component high-performance heavy-duty industrial 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 INDUSTRIAL is specially designed for industrial environments on both new floors and in renovation projects.

TAL SCREEDMASTER INDUSTRIAL 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 INDUSTRIAL was primarily designed for underlayment applications; however the product can be used as an overlayment in certain applications. It is important to first contact TAL for specific requirements. If a durable floor covering is not going to be installed over the TAL SCREEDMASTER INDUSTRIAL application, then a protective coating – suitable for the anticipated traffic and service conditions - must be applied over the cured TAL SCREEDMASTER INDUSTRIAL.

TAL SCREEDMASTER INDUSTRIAL 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) | 28 – 35 MPa |
| Flexural Strength (28 Days) | 8 – 10 MPa |
| Water Temperature | 15°C - 30°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 | 5mm |
| Max Application Thickness | 16mm |
| Density | 1.80 |
| 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 INDUSTRIAL is classified as a polymer-modified CT-C28-F8 screed (cementitious screed (CT) with a compressive strength (C) of minimum 28 N/mm² (MPa) and a flexural strength (F) of minimum 8 N/mm² (MPa)).

PACKAGING

22kg bags.

Maximum water content: 5L per bag.

APPROXIMATE COVERAGE

1.8kg/m²/1mm thickness (ie a 22kg bag will cover approximately 2.4m² at a 5mm 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.