

## Product Description

TAL TALCEM PREMIX is a special blend of a rapid-setting high-strength shrinkage-compensated cement and coarse, well graded quartz aggregate which is mixed with clean water, for the preparation of rapid-setting shrinkage-compensated screeds and toppings for interior and exterior applications.

At 20°C TAL TALCEM PREMIX screeds and toppings can be subjected to light foot traffic after 6 hours. Tiles may be fixed after 48 – 72 hours, once the moisture content is 5% or less. Other floor coverings, such as vinyl and carpeting, may be fixed after approximately 72 – 96 hours, once the moisture content is tested suitable for the selected floor covering.

After 1 day, the compressive strength and flexural strength of TAL TALCEM PREMIX screeds and toppings exceed the level normally attained using conventional cement/sand screeds after 7 days.

**It is imperative that the TAL TALCEM PREMIX material is not overwatered when mixing, and that it is not 'watered' after it has been applied.**

**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	Highly modified rapid-setting Screed/
Colour	Topping
Setting Type	Grey
Pot life*	Rapid setting
Working time after mixing*	1 Hour
Initial Set*	30 Minutes
Trafficable (light) after*	3 Hours
Floor covering installation*	6 Hours
Compressive Strength	72 – 96 Hours, depending on application
- 1 day	thickness and ambient conditions
- 7 days	25.5 MPa (N/mm <sup>2</sup> )
- 28 days	35.0 MPa (N/mm <sup>2</sup> )
Flexural Strength	40 – 50 MPa (N/mm <sup>2</sup> )
- 1 day	3.5 MPa (N/mm <sup>2</sup> )
- 7 days	4.1 MPa (N/mm <sup>2</sup> )
- 28 days	6.6 MPa (N/mm <sup>2</sup> )
Application temperature range	10°C - 30°C
Temperature Resistance	-30°C - +100°C
Min application thickness	16mm (bonded screed)
Max application thickness	100mm
Density	2.2
Pack size	25kg

\*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.

## Packaging

25kg bags.

## Approximate Coverage

2.2kg/m<sup>2</sup>/1mm thickness (ie a 25kg bag will cover approximately 0.8m<sup>2</sup> at a 16mm 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. Never store directly on a concrete floor.