

Thomsit

SE 93

Product Information 01.12.2000

RAPID SCREED CEMENT

For mixing with sand aggregate to form a rapid screed from 15 – 100 mm

- ▶ fast drying at any thickness
- ▶ bonded or floating installation
- ▶ pumpable
- ▶ ideal for fast renovation
- ▶ directly replaces Ordinary Portland Cement



Description

Thomsit SE 93 is a rapid screed cement, which directly replaces Ordinary Portland Cement in a screed mix. Especially suitable for pump installation. Thomsit SE 93 dries quickly with very low shrinkage tension. Thomsit SE 93 is not recommended as a wearing surface. For interior and exterior use.

Properties

Blend of special cement with selected additives. Produces a rapid drying screed when mixed with sand aggregate. Set to foot traffic in approximately 3 hours.

Substrates

The substrate must be free from structural defects, sound i.e. of adequate compressive and tensile strength, permanently dry and free from laitence, dust, surface treatments or contamination, which would impair the bond of the Thomsit product(s). It may be necessary to mechanically prepare the surface of the substrate. Ensure the correct Thomsit primer is selected prior to the application of this product – if in doubt please contact Thomsit Technical Services.

Application

Mixing & Application: Thomsit SE 93 must be mixed in a Forced Action Paddle Mixer or similar. Do not mix in a Free-Fall, Rotary Cement Mixer. Select the appropriate mix design in accordance with the occupational use of the area. The most common mix designs are 1:4 or 1:5 by weight. Sand aggregate to be as prescribed in BS 882, Table 2, medium – course. The screed, when mixed, should be to a wet earth consistency or when squeezed in the hand remain firm and transfer a little water to the hand. Do not mix more product than can be transported and installed within the 30 minutes working time. Once initial set has occurred do not attempt to remix or retemper.

Pump Installation: Thomsit SE 93 can be applied with a proprietary, pneumatic screed mixer pump. It is important that the water content is monitored continuously and varied in accordance with the amount of water contained in the sand aggregate. For more information regarding pump installation - contact Thomsit Technical Services.

Avoid drafts and direct sunlight. Warm ambient conditions, warm powder and/or mixing water will reduce the working and setting times; conversely, in cold conditions working and setting times will be extended.

Technical Information

Colour		grey
Supplied as		powder
Powder density		1,2 kg/ltr
Mixing ratio	1:4	25 kg of SE 93 to 100 kg of sand aggregate
	1:5	25 kg of SE 93 to 125 kg of sand aggregate
Consumption	1:4	approx. 3.7 kg of SE 93 /m ² /10 mm
Working time		* 30 minutes
Set to foot traffic		* approx. 3 hours
Set to covering	At 50 mm	* approx. 24 hours
Resistant to castors		conforms to DIN 68131
Temperature sensitivity of the levelling powder		none
Temperature sensitivity after setting		none, suitable for use with underfloor heating
Flashpoint		not applicable
Storage		6 months under normal conditions
Packaging		paper bag: 25 kg pallet quantity: 42 bags

* The above information applies at normal ambient conditions, e.g. 20 °C and 55% Relative Humidity.

Health & Safety

Contains cement. Strong in alkali when mixed with water, protect eyes and skin. If the product comes into contact with skin rinse off with clean water. If the product comes into contact with eyes, rinse with clean water immediately and seek medical advice. Avoid inhalation of dry powder. Where appropriate, wear suitable Personal Protective Equipment (PPE) e.g. gloves, eye protection. For further advice, please read the relevant Thomsit Safety Data Sheets, available upon request.



Apply with a suitable float & finishing trowel



Suitable for pump application



Care should be taken. Inform & protect others during use

Disposal

Do not pour directly into drains. Retain the product for later use, or if beyond shelf life, mix with water allow to cure and then dispose of in accordance with local regulations. Dispose of empty packaging in accordance with local regulations, or where appropriate recycle.

The information contained herein is general and not intended to be specific to any substrate, project or product system. The information is based on our experience to-date and the results of continuous and careful testing. Varying conditions and methods of use will influence the practical application of this product. The products optimum performance is also dependent upon the professional judgement of the user and their conformity to proper trade practice, relevant standards and codes of practice for installation, which are factors outside of our control.

The issue of this Thomsit Product Information Sheet supersedes all previous information relevant to this product.

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