

xXL

Premium Levelling Compound

For smoothing and levelling 0.5 – 20 mm in one application



- very smooth, reduces adhesive consumption
- casein/protein free
- free-flowing
- pumpable
- very high strength
- high shear resistance under wood & parquet

Scope of use

Description

Thomsit xXL is a premium smoothing and levelling compound for most mineral subfloors, including cement/sand screed and concrete. Can be applied 0.5 to 20 mm in one application. Especially suitable for pump application. Roller castor resistant >1mm. Suitable for use over underfloor heating. Thomsit xXL is not recommended as a wearing surface. For interior use only.

Properties

Casein/protein free. Special cement with selected additives. Very low emission GEV EMICODE EC1 certified product. Self-levelling, fast setting and fast drying. Set to foot traffic in approximately 2 hours. Very high final strength. High shear strength. Very smooth, reduces adhesive consumption.

Technical data

Colour	grey
Supplied as	powder
Powder density	1.3 kg/ltr
Mixing ratio	6.5 ltrs. clean water for 25kg of xXL
Consumption	approx. 1.5 kg/m ² per 1 mm thickness
Initial setting to EN 196	* 40 - 60 minutes
Final setting to EN 196	* 50 - 70 minutes
Set to foot traffic	* approx. 2 hours
Set for covering	* up to 10 mm, approx. 24 hours * up to 20 mm, approx. 48 hours
Resistant to castors	> 1 mm, load with castors acc. to EN 12529
Temperature sensitivity of the powder	none
Temperature sensitivity after setting	none, suitable for use over underfloor heating
Storage	6 months under normal climatic 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.



Substrate preparation

The substrate must be free from structural defects, sound i.e. of adequate compressive and tensile strength, permanently dry and free from laitance, 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 - in doubt please contact Thomsit Technical Services.

Application

Thomsit xXL must be mixed in a clean container with clean water (6.5 ltrs to 25 kg bag of powder). Mix with a drill and suitable attachment. Mix to a lump-free consistency. Apply the product to the required thickness using a suitable finishing trowel or gauging rake. Alternatively, Thomsit xXL can be applied with a proprietary continuous feed mixer pump. 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. For applications in excess of 10mm, in large areas, add 30% (7.5 kg) Thomsit Coarse Aggregate (<4 mm), per bag. N.B. The addition of aggregate does not require additional mixing water. When applying above 20 mm, substitute with, e.g. Thomsit DS 40 (3 - 40 mm).

Product safety


Contains cement. Strong 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 finishing trowel
- Suitable for pump application
- Care should be taken. Inform & protect others during use
- VOC emission below 200 g/m³
- For improved Indoor & Environmental Air Quality

Disposal

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

	
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PCI Augsburg GmbH Piccardstraße 11 D-86159 Augsburg	
17 DE0534/01	
Thomsit xXL (DE0534/01) EN 13813:2002	
Cementitious screed material for use internally in buildings EN 13813 CT-C35-F7	
Reaction to fire	A2fl-s1
Release of corrosive substances	CT
Compressive strength	C35
Flexural strength	F7

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 judgment 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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