

Thomsit

XXL Premium Levelling Compound

For levelling of 0.5 to 20 mm in one single operation



- Dust-reduced to ensure cleaner work
- Extremely self smoothing and pumpable
- Excellent filling capacity for levelling also very uneven surfaces
- High strength, suitable under wood flooring
- Easier application and reduced consumption of adhesive thanks to very smooth surface

Scope of use

Thomsit XXL Premium Levelling Compound is a very low-emission floor leveller for producing norm-conforming substrates that are ready to receive floor coverings and wood flooring. Thomsit XXL can be used on:

- screeds and concrete
- tiles, natural stones and terrazzo
- new, firmly screwed particle and oriented strand boards (OSB)
- old substrates with firmly adhering, water-resistant adhesive residues.

Technical data

Supplied as	grey powder
Packaging	paper bag, 25 kg
Shipping unit	42 bags per pallet
Amount of gauging water	6.5–7.0 l / 25 kg
Working time	20–30 minutes
Ready for foot traffic	after approx. 2 hours
Ready to receive floor coverings	
up to 10 mm layer thickness	after approx. 24 hrs
above 10 mm	
up to 20 mm layer thickness	after approx. 48 hrs
Ready to receive wood flooring	
up to 5 mm layer thickness	after approx. 24 hrs
above 5 mm	
up to 20 mm layer thickness	after approx. 48 hrs
Shelf life	6 months in paper bag, cool and dry 12 months in PE bag, cool and dry

The above times are based on normal climatic conditions (23 °C / 50 % rel. air humidity). Other climatic conditions can cause a lengthening or shortening of cure and drying times.

Consumption

Per 1 mm layer thickness	approx. 1.5 kg/m ²
Coverage of a 25 kg bag	
2 mm layer thickness	approx. 8.3 m ²
5 mm layer thickness	approx. 3.3 m ²
10 mm layer thickness	approx. 1.7 m ²

Thomsit XXL can also be used in areas subject to heavy-duty use, e.g. hospitals, retail outlets, shopping malls. Only for use in dry indoor areas. When coated with a suitable surface sealant, Thomsit XXL can also be used to produce a wearing surface.

Substrate preparation

Substrates should comply with the requirements of ATV DIN 18 365 "Flooring work", ATV DIN 18 356 "Wood flooring work", BS CP 8204 & 8201 or comparable national standards. In particular they must be clean, free from structural defects, firm, permanently dry, and free of release agents. In the case of cementbased substrates, any laitance must be removed using suitable machines. Always grind calcium sulfate screeds and vacuum clean. Dense, smooth surfaces, e.g. ceramic tiles, must be thoroughly cleaned and roughened. Before applying the levelling compound, pretreat the surface with the recommended Thomsit primer. Can be applied on particle and oriented strand boards (OSB) up to a max. layer thickness of 5 mm.

Application

Pour the specified amount of clear water into a clean mixing tub. Stir in Thomsit XXL with a suitable stirrer for approx. 2 min. until the mixture is lump-free. Apply the levelling compound with a squeegee or smoothing trowel in the required layer thickness. With layers of more than 10 up to 20 mm thickness, the compound can be bulked out by adding up to 30 % quartz sand 0 – 2 mm. Thomsit XXL can be applied by machine. For further information refer to the "Guide for Pumping" on www.thomsit.com.

Important information

- Best possible indoor air quality after floor installation work requires conformity to the standard working conditions as well as completely dry substrates, primers and levelling compounds.
- Only carry out floor installation work if the floor temperature is above 15 °C, air temperature above 18 °C and relative humidity below 75 %.

- Protect the freshly levelled surface from direct sunlight and draughts.
- Do not mix Thomsit XXL with other levelling compounds.
- Tightly close the opened bags and use them up quickly.
- Clean tools with water and soap immediately after use.
- Do not use Thomsit XXL in wet or outdoor areas.
- Do not use Thomsit XXL for producing screeds.
- Apply a minimum layer of 2 mm thickness on mastic asphalt screeds and non-absorbent, mineral substrates.
- Do not apply a layer of more than 5 mm thickness on mastic asphalt screeds.

Product safety

Chromate-reduced. Contains cement. Strongly alkaline reaction with moisture, so protect skin and eyes. After contact wash immediately with plenty of water. After eye contact also seek medical advice. The risk of medium- or long-term release of appreciable concentrations of volatile organic substances (VOC) into the ambient air is negligible. Nevertheless, ensure good ventilation during and after application and drying. Avoid eating, drinking or smoking while processing this product.

Information for allergy sufferers on: +49 (0)211 797-0.

Keep out of reach of children.

For professional users.

Safety data sheet available on www.thomsit.com

Ingredients: special cement, mineral additives, poly vinyl acetate copolymer, plasticiser and additives

GISCODE ZP 1	low chromate content
EMICODE EC 1 ^{PLUS} R	very low-emission according to GEV
RAL UZ 113	Blue Angel, environmentally friendly due to very low emissions



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00353	
EN 13813: 2002 CT-C35-F7	
Cementitious screed material for use internally in buildings	
Reaction to fire	A2_{fl}-S1
Release of corrosive substances	CT
Water permeability	NPD
Water vapour permeability	NPD
Compressive strength	C35
Flexural strength	F7
Wear resistance	NPD
Sound insulation	NPD
Sound absorption	NPD
Thermal resistance	NPD
Chemical resistance	NPD

Disposal

Do not allow product to reach sewage system or any water course. Do not allow to penetrate the ground/soil. Only recycle totally empty packages. Dispose of hardened product residues as industrial waste similar to household waste or in the container for commercial/ construction site waste. Dispose of unhardened product residues as hazardous waste. European waste code number (EWC): 17 01 01

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Technical information

Please also follow the instructions in the following information sheets:

1. "Assessment and preparation of substrates" issued by the Bundesverband Estrich und Belag e.V. (BEB), Troisdorf (www.beb-online.de).
2. Briefing notes of the Technische Kommission Bauklebstoffe (www.klebstoffe.com, see under "Publications")
3. Installation as well as cleaning and care instructions of the flooring manufacturers.
4. Generally recognized rules of flooring technology as well as the applicable national standards.

The above information, in particular recommendations for the handling and use of our products, is based on our professional knowledge and experience. As materials and conditions may vary with each intended application and thus are beyond our sphere of influence, we strongly recommend that in each case sufficient tests are conducted to check the suitability of our products for the intended application method and use. Legal liability cannot be accepted on the basis of the contents of this technical data sheet or any verbal advice given unless there is evidence of wilful intent or gross negligence on our part. This technical data sheet supersedes all previous editions relevant to this product.



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