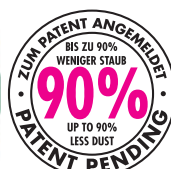


XXL XPRESS



Rapid levelling compound



For levelling of 0.5 to 20 mm in one single operation

PROPERTIES

- ▶ Ready to receive flooring after just about 90 minutes
- ▶ Low-dust application for cleaner work
- ▶ Excellent self-smoothing properties
- ▶ Ultra-smooth surfaces make adhesive application easier and reduce adhesive consumption
- ▶ Very high strength (suitable under wood flooring)

DESCRIPTION

Thomsit XXL XPRESS is a very lowemission, cement based floor levelling compound for producing normconforming substrates that are ready to receive floor coverings and wood flooring. After just about 90 minutes, Thomsit XXL XPRESS can be covered with flooring materials and is therefore ideally suited for flooring work under high deadline pressure. Thomsit Rapid Levelling Compound can be used on:

- screeds
- concrete
- tiles and slabs
- natural stones and terrazzo
- old substrates with firmly adhering, waterresistant adhesive residues.

For use in dry indoor areas only. Do not use Thomsit XXL XPRESS as a screed. Thomsit XXL XPRESS can only be use as a wearing surface if the surface has been treated with a suitable coating..

SUBSTRATE PREPARATION

Substrates should comply with the requirements of ATV DIN 18 365 "Floor covering 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 sulphate screeds, vacuum clean and prime with the recommended Thomsit primer before applying the levelling compound. Strip dense,



smooth substrates such as ceramic tiles and slabs with Thomsit PRO 40 and then grind them. When used on nonabsorbent, firmly adhering, waterproof and hardened adhesive beds, XXL XPRESS can be applied up to a layer thickness of 3 mm without need for a primer. When wood flooring is to be bonded on top, old adhesive residues and levelling compound residues must always be removed as far as possible. New, properly sand sprinkled mastic asphalt screeds can be levelled off up to a layer thickness of 5 mm without need for priming.

APPLICATION

Pour 5.5 to max. 6 liters of clean water into a clean mixing tub and stir in 25 kg of Thomsit XXL XPRESS with a suitable electric stirrer. Stir for about 2 minutes at a speed of approx. 600 rpm until the mixture is free of lumps. Apply the levelling compound in the required layer thickness using a spreader or smoothing trowel.

For a layer thickness greater than 10 mm up to max. 20 mm, Thomsit XXL XPRESS should be bulked out

with 30 % firedried quartz sand (e. g. Thomsit QS 9). On mastic asphalt screeds and nonabsorbent, mineral substrates a layer of at least 2 mm thickness must be applied, but not more than 5 mm on mastic asphalt screeds.

IMPORTANT INFORMATION

- Protect the freshly applied product from direct sunlight and draughts.
- Do not mix with other levelling compounds.
- Close open bags thoroughly and use them up quickly.
- Clean tools with water and soap immediately after use.
- Do not use in wet or outdoor areas.
- Do not use for producing screeds.
- At higher temperatures, store Thomsit XXL XPRESS in a cool place and always use cold water for mixing.
- Grindable after 34 hours.
- Levelling work is best carried out at room temperatures between 15°C and 25°C and less than 75 %, preferred 65% relative air humidity.

TECHNICAL INFORMATION

Please refer to the following information sheets:

1. The norm guidelines and regulations of the appropriate national organizations and professional associations.
2. "Assessment and preparation of substrates", information sheet TKB8, issued by the Industrieverband Klebstoffe (German Adhesives Association), Düsseldorf.

PRODUCT SAFETY

Chromatereduced. 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. Ensure good ventilation during and after application and drying. Avoid eating, drinking or smoking while processing this product. Wear protective gloves. For information for allergic people, please call at: +49 (0)211 797 0. Keep out of reach of children.

Thomsit XXL Xpress contains less than 50g/L VOC and fulfills the requirements in accordance with SCAQMD rule 1168, as specified in LEED credit IEQ 4.2 (adhesives & sealants).

For professional users.

TECHNICAL DATA

Supplied as	powder
Colour	grey
Density	approx. 1.3 kg/l
Coverage	approx. 1.5 kg/m ² per 1 mm layer thickness
Foot traffic	after approx. 90 minutes
Fire resistance	E according to DIN 13813
Compressive strength	C40 according to DIN 13813
Tensile strength	F10 according to DIN 13813
Ready to receive	
- floor coverings	after approx. 90 minutes with textile and resilient coverings, bonding with Thomsit DT 100 / DT 200 after 4 hours.
- wood flooring	after min. 12 hours
Working time	20 minutes
Shelf life	6 months in a cool and dry place
Packaging	25 kg paper bag

The above times are based on normal climatic conditions (23°C / 50 % rel. air humidity). Other climate conditions can result in a lengthening or reduction in curing and drying times.

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.

GISCODE RE 1 (solvent-free, sensitizing)
EMICODE EC 1R (very low emissions accord. GEV)



Pump technique



Rake/spreader technique



For use on under-floor heating



Comply with operator safety precautions



Trowel Technique with levelling compounds



Suitable for castors with appropriate floor coverings

The information contained herein, particularly recommendations for the handling and use of our products, is based on our professional 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 their intended use. Legal liability cannot be accepted on the basis of the contents of this data sheet or any verbal advice given, unless there is a case of wilful misconduct or gross negligence on our part. This technical data sheet supersedes all previous editions relevant to this product.

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