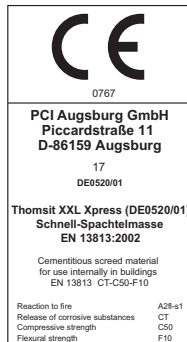




XXL XPRESS Rapid Levelling Compound

For levelling of 0.5 to 20 mm in one single operation



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

Fields of application

Thomsit XXL XPRESS is a very low-emission, cement based floor levelling compound for producing norm-conforming 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, water-resistant adhesive residues.

Only use in dry indoor areas. Do not use Thomsit XXL XPRESS as a screed. Thomsit XXL XPRESS can only be use as a wearing

Technical data

| | |
|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Supplied as | grey powder |
| Packaging | paper bag, 25 kg |
| Shipping unit | 42 bags per pallet |
| Amount of gauging water | 5.5 - 6.0 l / 25 kg |
| Working time | approx. 20 minutes |
| Ready for foot traffic | after approx. 90 minutes |
| 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 (parquet) | after approx. 12 hours |
| Load bearing | from 1 mm layer thickness resistant to chairs with castors according to DIN EN 12529 |
| Temperature resistance after curing | up to max. +50 °C, can be used on underfloor heating constructions |
| transport | -20 °C bis +50 °C |
| storage | 0 °C bis +50 °C |
| 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.



surface if the surface has been treated with a suitable coating. Thomsit XXL XPRESS meets the highest requirements for occupational safety, indoor air quality and environmental compatibility.

Consumption

| Layer thickness | Consumption | Coverage per 25 kg bag |
|-----------------|-------------------------------|----------------------------|
| per 1 mm | approx. 1.5 kg/m | |
| 2 mm | approx. 3 kg/m ² | approx. 8.3 m ² |
| 5 mm | approx. 7.5 kg/m ² | approx. 3.3 m ² |
| 10 mm | approx. 15 kg/m ² | approx. 1.7 m ² |

Preparation of substrate

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.

The following maximum permissible residual moisture contents must always be observed (indicated in % CM):

| Screed type | Resilient and textile flooring, parquet and other wood flooring, laminate | |
|------------------------|---------------------------------------------------------------------------|----------|
| | Heated | Unheated |
| Cement screed | 1,8 % | 2,0 % |
| Calcium sulfate screed | 0,3 % | 0,5 % |

The ingress of moisture into the floor structure must always be prevented by suitable measures (e.g. waterproofing membranes, barrier primers). This applies in particular to composite structures and concrete floors.

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.

When used on non-absorbent, firmly adhering, waterproof and hardened adhesive beds, Thomsit 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 procedure

Fill the predefined amount of clean water into a clean mixing vessel and then add Thomsit XXL XPRESS. Mix with a suitable stirrer (e.g. Thomsit TE 162 Exaquir) for approx. 2 minutes until the mixture is free of lumps.

Apply the levelling compound in the required layer thickness using a squeegee 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 % fire-dried quartz sand of grain size 0 - 2 mm.

Please note

- 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.
- Wait until the applied product is completely dry before continuing with the next steps. For this purpose, ensure favorable climatic conditions (recommended: 50 % rel. humidity, 20 °C) and adequate air circulation.
- Protect the freshly applied compound from direct sunlight and draughts.
- Do not mix with other levelling compounds.
- Apply a minimum layer of 2 mm thickness on nonabsorbent substrates.
- Apply a layer of at least 2 mm and not more than 5 mm thickness on mastic asphalt screeds.
- Do not use outdoors or in areas directly or indirectly exposed to moisture. If in doubt, use suitable moisture barriers.
- Do not use for producing screeds or wearing surfaces.
- Clean tools with water and soap immediately after use.
- Close the open bags thoroughly and use them up quickly.
- Minimum layer thickness under wood flooring: 2 mm.
- When applied on soft layers (e.g. adhesive residues), cementitious levelling compounds are susceptible to cracking. Such layers must therefore be removed as far as possible before applying the compound.



Please note

Only carry out floor installation work if the floor temperature is above 15 °C, air temperature above 18 °C and relative humidity below 75 %.

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: + 49 180 2273112. 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 R | very low-emission according to GEV |
| RAL UZ 113 | (Blue Angel, environmentally friendly due to very low emissions) |

Technical information

Please also follow the instructions in the following information sheets:

1. Briefing notes of the Technische Kommission Bauklebstoffe (www.klebstoffe.com, see under "Publications")
2. Installation as well as cleaning and care instructions of the flooring manufacturers.
3. Generally recognized rules of flooring technology as well as the applicable national standards.

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 06

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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