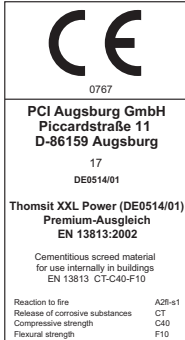




XXL Power Premium Levelling Compound

For levelling of 0.5 to 20 mm in one single operation



- Extra fast and super variable
- Improved flow behavior
- Optimum absorbency
- Rapidly ready for covering
- Higher strength values
- Suitable for industrial applications

Fields of application

Thomsit XXL^{Power} 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^{Power} can be used on suitable:

- 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.

Thomsit XXL^{Power} can also be used in areas subject to heavy-duty use, e.g. hospitals, retail outlets, shopping malls and factory buildings. Only for use in dry indoor areas. When coated with suitable surface sealant, Thomsit XXL^{Power} can also be used to produce a wearing surface. Thomsit XXL^{Power} meets the highest requirements for occupational safety, indoor air quality and environmental compatibility.

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	approx. 30 minutes
Ready for foot traffic	after approx. 2 hours
Ready to receive floor coverings	
up to 5 mm layer thickness:	after approx. 12 hrs
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	
über 5 bis 20 mm Schichtdicke	after approx. 48 hrs
Load bearing:	Resistant to chairs with castors according to DIN EN 12529
Temperature resistance	
after curing	up to +50 °C, can be used on underfloor heating constructions
transport	-20 °C to +50 °C
storage	0 °C to +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.



Consumption

thickness	consumption	coverage of a 25 kg bag
Per 1 mm layer thickness	approx. 1.5 kg/m ²	
2 mm layer thickness	approx. 3 kg/m ²	approx. 8.3 m ²
5 mm layer thickness	approx. 7.5 kg/m ²	approx. 3.3 m ²
10 mm layer thickness	approx. 15 kg/m ²	approx. 1.7m 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.

Application procedure

Pour the specified amount of clear water into a clean mixing tub. Stir in Thomsit XXL^{Power} 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 % clean and dry quartz sand 0 - 2 mm. Thomsit XXL^{Power} can be applied by machine.

For further information refer to the "Guide for Pumping" on www.thomsit.com.

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.
- Only carry out floor installation work if the floor temperature is above 15 °C, air temperature above 18 °C and relative humidity below 75 %.
- 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 levelled surface from direct sunlight and draughts.
- Do not mix Thomsit XXL^{Power} with other levelling compounds.
- Tightly close the opened bags and use them up quickly.
- Clean tools with water immediately after use.
- Do not use Thomsit XXL^{Power} in wet or outdoor areas.
- Apply a minimum layer of 2 mm thickness on non-absorbent substrates.
- Apply a layer of at least 2 mm and not more than 5 mm thickness on mastic asphalt screeds.
- 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.
- If the surface remains uncovered for a longer period of time (e.g. several weeks) after application of the levelling compound, this will also promote the formation of cracks. For this reason, levelled surfaces should be covered with a flooring material as soon as possible.



Product safety

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. 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.

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 ^{PLUS} 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 01

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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