

# OS

## Floor Levelling Compound

For layers up to 10 mm in one single application

- Self-levelling and pumpable
- Good strength values
- Ultra-smooth surface

### Fields of Application

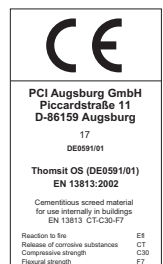
Very low-emission floor levelling compound for producing norm-conforming substrates that are ready to receive floor coverings.

Thomsit OS can be used on:

- mineral screeds
- tiles and slabs
- concrete
- natural stones and terrazzo.

Only use in dry indoor areas. Do not use Thomsit OS as a screed or wearing surface. Do not use on mastic asphalt screeds.

Thomsit OS meets the highest requirements for occupational safety, indoor air quality and environmental compatibility.



A brand of

**PCI**  
Für Bau-Profis

## Technical data

Supplied as	grey powder
Packaging	PE bag, 25 kg
Shipping unit	42 bags per pallet
Amount of gauging water	6 l / 25 kg
Working time	approx. 25 minutes
Ready for foot traffic	after approx. 2 hours
Ready for covering	
up to 3 mm layer thickness	after approx. 24 hours
above 3 mm layer thickness	after 48 – 72 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
for transport	-20 °C to +50 °C
for storage	0 °C to +50 °C
Shelf life	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

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

## Substrate preparation

Substrates should comply with the requirements of ATV DIN 18 365 "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 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 cement-based substrates, any laitance must be removed using suitable machines. Always grind calcium sulphate 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

Fill the predefined amount of clean water into a clean mixing vessel and then add Thomsit OS 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.

## 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 applied compound from direct sunlight and draughts.
- Do not mix with other levelling compounds.
- Clean tools with water and soap immediately after use.
- Close the open bags thoroughly and use them up quickly.
- 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.
- Apply a layer of 2 mm minimum thickness on non-absorbent substrates.
- 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, within 14 days latest.

## Product safety

Chromate-reduced. Thomsit OS contains cement and has a strongly alkaline reaction with moisture. Therefore protect eyes and skin. In case of contact with the eyes, also obtain medical advice. The risk of medium- or long-term release of appreciable concentrations of volatile organic compounds (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](http://www.thomsit.com)

**Ingredients:** quartz sand, calcium carbonate, aluminat cement, portland cement, calcium sulfate hemihydrate, vinyl acetate- ethylene copolymer

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GISCODE ZP 1 low chromate content

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EMICODE very low-emission according to  
EC 1<sup>PLUS</sup>R GEV

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## Technical information

Please also follow the instructions in the following information sheets:

1. Briefing notes of the Technische Kommission Bauklebstoffe ([www.klebstoffe.com](http://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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