

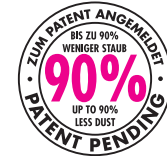
XXL

Premium Levelling Compound

For levelling of 0.5 to 20 mm in one single operation

Technical Data Sheet

CE	
Henkel AG & Co. KGaA – Bautechnik Henkelstraße 67 D-40589 Düsseldorf	
See date of manufacture on the packaging	
EN 13813 CT-C35-F7 Cementitious levelling compound for substrates in interior locations	
Fire resistance	A2(f)-s1
compressive strength	C 35
Tensile strength	F 7



PROPERTIES

- 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.

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. If covered with a suitable coating, Thomsit XXL can also be used as a wearing surface.

SUBSTRATE PREPARATION

Substrates should comply with the requirements of ATV DIN 18 365 "Floor covering works", ATV DIN 18 356 "Wood flooring works", 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 cementitious substrates, any laitance must be removed with suitable machines. Always grind calcium sulphate screeds and vacuum them off.

Strip dense, smooth substrates such as ceramic tiles and slabs with Thomsit PRO 40 and then grind them. Before applying the levelling compound, pre-treat the surface with the recommended Thomsit primer.



APPLICATION

Pour the specified amount of clear water into a clean mixing tub. Stir in Thomsit XXL with a suitable stirrer (e.g. Thomsit TE 162 Exaquir) 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 % Thomsit QS 20. Thomsit XXL can be applied by machine. For further information refer to the "Guide for Pumping" on www.thomsit.com.

IMPORTANT INFORMATION

- 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.

Levelling work is best carried out at room temperatures between 15 °C and 25 °C and less than 75 % relative air humidity, using a surface mounted hygrometer.

TECHNICAL INFORMATION

Please refer to the following information sheets:

1. The norms, guidelines and regulations of the appropriate national organizations and professional associations.
2. Information sheets issued by the Technische Kommission Bauklebstoffe (www.klebstoffe.com, see under "Publikationen").

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 longterm 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. Wear protective gloves. Information for allergic people: please call 0800 764 766 or CHEMCALL 243 622. Keep out of reach of children. For professional users. Safety Data Sheet available on <http://mymds.henkel.com>

Hazard notes/Safety advices/Dangerous goods classification: See Material Safety Data Sheet.

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. Collection and delivery to recycling centres or refer to Land Waste Management Authority.

TECHNICAL DATA

Supplied as:	Powder
Packaging:	25 kg polyethylene bag
Colour:	Grey
Ingredients	special cement, mineral additives, poly vinyl acetate Copolymer, plasticiser and additives
Required amount:	Approx. 1.5 kg/m ² per 1 mm layer thickness
Fire class acc. to DIN EN 13501:	A2 _{fls} 1
Coverage of a 25 kg sack at:	
2 mm layer thickness	Approx. 9 m ²
5 mm layer thickness	Approx. 3.5 m ²
10 mm layer thickness	Approx. 2 m ²
Amount of gauging water:	6.5–7.0 l/25 kg
Working time:	20–30 min
Initial setting accord. to EN 196	50–80 minutes
Final setting accord. to EN 196	60–90 minutes
Ready for foot traffic:	After approx. 2 hrs
Ready to receive floor coverings:	After approx. 24 hrs up to 10 mm layer thickness After approx. 48 hrs up to 20 mm layer thickness
Ready to receive wood flooring:	After approx. 24 hrs up to 5 mm layer thickness After approx. 48 hrs above 5 mm up to 20 mm layer thickness
Shelf life:	12 months, cool and dry
The above times were measured under standard climatic conditions (23 °C / 50 % rel. air humidity). Please note that under other climatic conditions curing resp. hardening may be accelerated or delayed.	



Pump technique



Rake/spreader technique



For use on underfloor heating



Suitable for castors with appropriate floor covering



Trowel technique with levelling compounds

GISCODE ZP 1 (low-chromate according to EN 196-10)
EMICODE EC 1 PLUS R (very low-emission according to GEV)

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.

Quality for Professionals

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