

Thomsit

R 777 Dispersion Primer

For absorbent screeds and concrete floors



- Binds residual dust
- Closes screed pores and adjusts the absorbency
- Powerful bonding bridge
- Very high coverage

Scope of use

Very low-emission dispersion primer used as a bonding bridge for Thomsit levelling and smoothing compounds on absorbent substrates such as cement screeds and concrete floors, calcium sulfate screeds, levelling and smoothing compounds, dry construction boards. Can also be used before directly bonding floor coverings on suitable substrates with Thomsit adhesives. Thomsit R 777 is not a barrier against moisture.

Substrate preparation

Substrates must comply with the requirements of ATV DIN 18 365 "Flooring work" or BS CP 8204 or comparable national standards. In particular they must be clean, free from structural defects, firm, permanently dry and free of release agents. In case of cement based substrates, any laitance must be removed using suitable machines. Always grind sulphate screeds (with sandpaper, grain size 16) and vacuum clean.

Technical data

Supplied as	transparent liquid
Packaging	plastic canister, 10 kg
Shipping unit	60 canister per pallet
Drying time before screeding work:	
Thomsit AS 1/AS 2 on CSE	none
cement based substrates	none
calcium sulphate	approx. 30 minutes
dry construction boards	at least 6 hours
Drying time before direct bonding	
solventbased and dispersion	approx. 6 hours
adhesives on absorbent substrates	
PUR adhesives	approx. 24 hours
Temperature resistance	
after curing	up to +50 °C, can be used on underfloor heating constructions
transport	0 °C to +50 °C
storage	+10 °C to +30 °C
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.

Consumption

Zementestriche, Calciumsulfat-estriche, Spachtelmassen, Trockenausbauplatten	approx. 200 g/m ² , 1 : 1 diluted = approx. 100/m ² R 766 coverage/canister: approx. 100 m ²
Betonböden	approx. 300 g/m ² , undiluted coverage/canister: approx. 33 m ²



Application

Shake well before use. On screeds dilute Thomsit R 777 1:1 with water, on concrete floors use Thomsit R 777 undiluted. Apply evenly with a lambskin roller. Do not allow the primer to form pools. A second coat may be necessary on porous, very absorbent substrates after drying.

Important information

- 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 %.
- Clean equipment with water immediately after use.
- Use only clear water to dilute the product.
- Remove fresh spots of product immediately with a damp cloth.
- Keep containers tightly closed when not in use, and use up the contents quickly.

The drying time depends on the relative humidity and absorbency of the subfloor. These times will be shorter at higher temperatures and lower humidity, but longer at lower temperatures, higher humidity and with non-absorbent substrates.

Product safety

Thomsit R 777 is solvent-free and a suitable alternative to solvent-containing products. The risk of medium or longterm release of appreciable concentrations of volatile organic chemicals (VOC) into the ambient air is negligible.

For professional users.

Safety data sheet available on www.thomsit.com
Hazard notes/Safety advices/Dangerous goods classification:
See Material Safety Data Sheet.

GISCODE D 1

solvent-free according TRGS 610

EMICODE EC 1^{PLUS}

very low-emission according to GEV

Technical information

Please also follow the instructions in the following information sheets:

1. "Assessment and preparation of substrates" issued by the Bundesverband Estrich und Belag e.V. (BEB), Troisdorf (www.beb-online.de).
2. Briefing notes of the Technische Kommission Bauklebstoffe (www.klebstoffe.com, see under "Publications")
3. Installation as well as cleaning and care instructions of the flooring manufacturers.

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): 08 04 10

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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