



R 762 Conductive Base Coat

For producing a transverse conductive layer



- Favourable alternative to the copper strip grid
- Long-term tested with good results

Fields of application

Very low emission, conductive dispersion product for producing a transverse conductive layer prior to the installation of conductive floor coverings using the recommended Thomsit adhesives.

Suitable for use on screeds ready for covering, Thomsit levelling compounds and different Thomsit underlays.

Suitable for floor constructions which have to meet special electrostatic requirements acc. to RAL-RG 725/3 and tested acc. to DIN EN 1081, DIN VDE 0100, part 610 (or national equivalents). Recommended for use e.g. in operations and computer rooms, laboratories, and in production and storage areas subject to explosion risk. Replaces the usual copper strip grid and thereby prevents the copper strips from showing through the top covering.

Thomsit R 762 meets the highest requirements for occupational safety, indoor air quality and environmental compatibility.

Technical data

Supplied as	black liquid
Packaging	PE canister, 10 kg
Shipping unit	60 canister per pallet
Drying time	at least 2 hours
Load bearing	immediately
Grounding resistance	$< 3 \times 10^5 \Omega$ (EN 13 415)
Temperature resistance after curing	up to max. 50° C, can be used on underfloor heating constructions
transport	+5 °C to +50 °C
storage	+10 °C to +30 °C
Shelf life	6 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

Depending on substrate approx.	120 g/m ²
and backing	coverage / canister: 80 m ²



Preparation of substrate

Substrates must comply with the requirements of ATV DIN 18 365 "Flooring work", BS CP 5325, 8203 & 8204 or comparable national standards. In particular, they must be clean, free from structural defects, firm, dry and free of substances which may impair adhesion. After mechanical pretreatment (e.g. grinding/vacuuming), prepare the substrate with suitable Thomsit primers and levelling compounds so that it is ready to receive floor coverings. Thoroughly clean firmly attached old PVC/CV floor coverings; CV flooring must be additionally levelled off with Thomsit FF 69 Flex Finish. Mastic asphalt screeds and non-absorbent substrates as well as calcium sulfate, stone-wood and magnesia screeds must first be screeded with the appropriate levelling compound to a minimum thickness of 2 mm.

Application procedure

Shake the canister well before use. Fill the content of the canister into an oval vessel. Apply a thin, uniform coat of Thomsit R 762 using a foam roller. Avoid the formation of puddles. Prevent the product from seeping into the joints of raised floors. After drying, a thin closed film will form. Connection to ground potential: Every 40 m² fix a copper strip of approx. 1 m length onto the substrate and always leave a protruding end (tail). Fix the copper strips with the electrically conductive Thomsit adhesive used for bonding the conductive floor coverings. It is recommended that a qualified electrician do the grounding of the flooring system, but not earlier than 12 hours after installation of the floor covering.

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 %.
- Tools and equipment can be cleaned with water.
- Remove fresh spots of product with a moist cloth.
- Tightly close opened buckets and use them up as soon as possible.
- The drying time depends on the temperature, 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.

- The connection to ground potential must always be done by a qualified electrician.

Product safety

Thomsit R 762 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. Nevertheless ensure adequate ventilation during and after application and drying. Avoid eating, drink-ing or smoking while processing this product. Protect eyes and skin. In case of contact with eyes or skin rinse immediately with plenty of water, if contact with eyes, seek additionally medical advice. Information for allergy sufferers available on:

+49 180 2273112 (key word "emergency").

Keep out of the reach of children.

For professional users.

Safety data sheet available on www.thomsit.com

GISCODE D 1 solvent-free, according to 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.
4. Generally recognized rules of flooring technology as well as the applicable national standards.



Thomsit

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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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