



R 766 Multi-Purpose Primer

For absorbent and impervious substrates



- High concentration-high coverage
- Multi-purpose use
- Fast drying
- Suitable underneath wood flooring

Fields of application

Very low-emission, concentrated primer as adhesion promoter for Thomsit levelling compounds on:

- cement / calcium sulfate screeds and concrete floors
- levelling and smoothing compounds
- dry construction boards
- old, not sand sprinkled mastic asphalt screeds
- alten, unbesandeten Gussasphaltestrichen
- stone floors and ceramic tiles
- wooden floor boards and chipboards V 100

Also for use as a primer before directly bonding floor coverings and wood flooring on suitable substrates with Thomsit dispersion or 2-C polyurethane adhesives. Not suitable on substrates with remains of water soluble adhesive residues, like sulphite liquor adhesive, as well as soft bitumen adhesives.

Thomsit R 766 is not a barrier against moisture.

Thomsit R 766 is a component part of the system "Primary Decks Covering", consisting of Thomsit DS 40 and Thomsit R 766. This system has been certified by the "BG-Verkehr Dienststelle Schiffsicherheit Hamburg" (Employers' Liability Insurance

Association for Transport and Traffic, Ship Safety Division, Hamburg/Germany) to meet the requirements of marine equipment, modules B and D. Certificates and declaration of conformity are available on request or on www.thomsit.de. The approved layer thickness is 3 to 40 mm. EC0736/113.106.

Technical data

Supplied as	orange 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
impervious substrates	approx. 30 minutes
calcium sulphate, wooden substrates, at least 2 hours	
dry construction boards, magnesia screeds	
Drying time before direct bonding	
solventbased and dispersion	approx. 2 hours
adhesives on absorbent substrates	
PUR adhesives	approx. 12 hours
Temperature resistance	
after curing	up to max. 50 °C, can be used on underfloor heating constructions
for transport	+5 °C to +50 °C, vor Frost schützen
for 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

absorbent substrates: e.g. cement screeds, levelling compounds, dry construction boards	150 - 200 g/m ² , 1 : 4 diluted = 30 - 40 g/m ² R 766 coverage/canister: approx. 300 m ²
absorbent substrates: concrete floors	approx. 300 g/m ² , 1 : 1 diluted = approx. 150 g/m ² R 766 coverage/canister: approx. 70 m ²
impervious substrates: e.g. stone, and ceramic floors, mastic asphalt screeds, wooden deal floors	50 - 200 g/m ² , 1 : 1 diluted = 25 - 50 g/m ² R 766 coverage/canister: approx. 300 m ²
on Thomsit R 740 / R 755 / R 756	approx. 80g/m ² , undiluted coverage/canister: approx. 125 m ²

Preparation of substrate

Substrates must comply the requirements of ATV DIN 18 365 "Flooring work" or ATV DIN 18 356 "Wood flooring work", BS CP 8204 and 8201 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 cementbased substrates, any laitance must be removed using suitable machines. Always grind sulphate screeds and vacuum clean. Strip dense, smooth substrates, like tiles and natural stone or terrazzo floor coverings and grind if necessary. For wooden subfloors, e.g. boards or planks, grind the surface, then tighten all screws.

Application procedure

Shake well before use. On absorbent substrates, dilute Thomsit R 766 1:4 with water and apply evenly using a lambskin roller. Porous, very absorbent substrates may require a second coat after the first one has dried. On concrete floors and impervious substrates, dilute Thomsit R 766 1:1 with water before applying thinly using a lambskin roller. Use Thomsit R 766 undiluted on reactive resin layers.

Do not allow the primer to form pools, otherwise there will be a longer drying time. Always pay attention to drying time before installing wood flooring by direct bonding. For direct bonding with waterbased wood adhesives on calcium sulphate screeds, please consult us.

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 %.
- Clean tools with water and soap immediately after use.
- Use only clear water to dilute the product.
- Remove fresh spots of product immediately with a damp cloth.
- Tightly close opened containers and use them up as soon as possible.
- Do not use under elastic wood flooring adhesives.
- The drying time depends on the relative humidity and absorbency of the substrate. These times will be shorter at higher temperatures and lower humidity, but longer at lower temperatures, higher humidity and with nonabsorbent substrate.

Product safety

Thomsit R 766 is solvent-free and a suitable alternative to solvent containing products. No special safety precautions are necessary when working with the product. The risk of medium or longterm release of appreciable concentrations of volatile organic chemicals (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. In case of contact with eyes or skin rinse immediately with plenty of water. In case of contact with the eyes, 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.



Thomsit

R 766 Multi-Purpose Primer

Product safety

Ingredients: acrylate copolymer dispersion, wetting agent, antifoaming agent, preservatives (isothiazolinones, BNPD), dyestuffs

GISCODE D 1	solvent-free according TRGS 610
EMICODE EC 1 ^{PLUS}	very low-emission according to GEV
RAL UZ 113	(Blauer Engel) umweltfreundlich, 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.

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.

PCI Augsburg GmbH

Piccardstraße 11, 86159 Augsburg,
Tel.: +49 821 5901 0

PCI Bauprodukte AG

CH-8055 Zürich,
Tel.: +41 58 958 21 21

thomsit-info@basf.com
www.thomsit.com

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