

Multi-Purpose Primer

R 766

For absorbent and impervious substrates



FEATURES AND BENEFITS

- Multi-purpose use
- Binds residual dust and adjusts the absorbency of screeds
- Bonding course on non-absorbent substrates
- Highly concentrated – very high yield
- Quick drying

FIELDS OF APPLICATION

Very low-emission primer concentrate used as a bonding course for THOMSIT levelling compounds on

- cement screeds and concrete floors
- calcium sulfate screeds
- old, unsanded mastic asphalt screeds
- prefabricated substrates, chipboards (P4 to P7) and OSB boards (OSB/2 to OSB/4)
- old substrates with firmly adhering, waterproof residues of adhesives and levellers
- levelling compounds
- ceramic tiles, natural stone and terrazzo
- boarded floors
- reaction resin layers used as intermediate priming coats.

Can also be used before the direct bonding of floor coverings and parquet on suitable substrates using THOMSIT dispersion and 2-component PUR adhesives. Do not use the primer on sulfite liquor and soft bitumen adhesives.

THOMSIT R 766 has been approved and certified as a marine equipment item according to the EU Marine Equipment Directive (MED), issued and monitored by the certification body DNV GL, modules B and D.

THOMSIT R 766 meets the highest demands for occupational safety, indoor air quality and environmental compatibility.

TECHNICAL DATA

Color / consistency	orange liquid
Pack size	PE canister, 10 kg
Shipping unit	60 canisters per pallet
Drying time before start of levelling work:	
- THOMSIT AS 1 RAPID / AS 2 on CSE	none
- on cement-based substrates	none
- on impervious and old substrates	approx. 30 minutes
- on calcium sulfate, wooden substrates, prefabricated substrates	at least 2 hours
Drying time before the direct bonding of floor coverings:	
- for solvent-based and dispersion adhesives	approx. 2 hours
- for PUR adhesives on absorbent substrates	approx. 12 hours
Temperature resistance after drying	up to max. +50 °C, can be used on heated floor structures
Temperature range for transport	+5 °C to +50 °C, protect from frost
Temperature range for storage	+10°C to +30°C
Shelf life	at least 12 months if stored in a dry and cool place

The above times were measured under standard climatic conditions (+23 °C and 50 % rel. humidity). Please note that under other climatic conditions drying may be accelerated or delayed.

CONSUMPTION

Consumption	Coverage / canister
<u>On absorbent substrates</u> , e.g. cement screeds, calcium sulfate screeds, levelling compounds, prefabricated substrates, old substrates:	
150 – 200 g/m ² , diluted at a ratio of 1 : 4	approx. 300 m ² = 30 – 40 g/m ² R 766
<u>On concrete floors</u> :	
approx. 300 g/m ² , diluted at a ratio of 1 : 1	approx. 70 m ² = approx. 150 g/m ² R 766
<u>On impervious substrates</u> , e.g. ceramic tiles, natural stone and terrazzo, mastic asphalt screeds, wooden floorboards:	
50 – 100 g/m ² , diluted at a ratio of 1 : 1	approx. 300 m ² = 25 – 50 g/m ² R 766
<u>On THOMSIT primers R 740 / R 755</u> :	
approx. 80 g/m ² , undiluted	approx. 125 m ²

PREPARATION OF SUBSTRATE

The substrates must comply with the applicable standards and regulations. In particular, they must be clean, firm, dry and free of cracks or substances which may impair adhesion. In the case of cementitious substrates, remove any laitance as well as unstable and adhesion-inhibiting layers with suitable machines. Always grind calcium sulfate screeds and vacuum off the dust. Smooth, impervious substrates such as ceramic tiles and slabs must be stripped and sanded. Wooden substrates such as floorboards must be sanded and afterwards secured by retightening the screws.

APPLICATION PROCEDURE

Shake the canister well before use. On absorbent substrates, dilute THOMSIT R 766 with water at a ratio of 1 : 4 and apply a uniform coat 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 with water at a ratio of 1 : 1 before applying it evenly with a lambskin roller. Apply an undiluted coat on reaction resin layers. Do not allow the primer to form pools; otherwise the drying time will be longer. Make sure to observe the necessary drying times, especially when installing parquet by direct bonding. Before using water-based parquet adhesives for the direct bonding of parquet on calcium sulfate screeds, contact us for advice.

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 %.
- Dilute the primer only with clean water.
- Immediately remove fresh spots of primer with a damp cloth. Clean the tools with water and soap immediately after use.
- Tightly close the opened canister and use up the content as quickly as possible.
- Do not use the primer under elastic parquet adhesives.
- If the layer thickness of the levelling compound is more than 10 mm, use THOMSIT R 755 primer and sprinkle it with quartz sand.
- THOMSIT R 766 does not seal against moisture, therefore do not use it on substrates where there is a risk of rising damp.
- The drying time depends on temperature, relative humidity and substrate absorbency. It tends to be shorter at higher temperatures and lower humidity, but longer with opposite climatic conditions and non-absorbent substrates.

TECHNICAL INFORMATION

Make sure to observe the following standards and information sheets:

- DIN 18365 "Flooring Works"
- DIN 18356 "Parquet Works"
- Technical Briefing Notes issued by Technische Kommission Bauklebstoffe (www.klebstoffe.com, see "Publications")
- "Assessment and preparation of substrates" issued by Bundesverband Estrich und Belag e.V. (BEB), www.beb-online.de
- "Assessment and treatment of the surfaces of calcium sulfate flow screeds" and "Preparation of screeds for flooring works" issued by Industrieverband WerkMörtel e.V., Duisburg
- Generally recognized rules of the trade as well as the applicable national standards and regulations

SERVICE FOR ARCHITECTS AND DESIGNERS

Please contact our sales force if you need advice or building project support. Further documents can be downloaded from the internet at www.thomsit.com.

PRODUCT SAFETY

Treated article according to Biocidal Products Regulation EU 528/2012:

Formulated with a biocide (in-can preservative), contains a mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1), bronopol. May cause allergic reactions. Safety Data Sheet available on request. Keep out of the reach of children. Ensure adequate ventilation during the application and drying process. Eating, drinking and smoking should be avoided while working with the product. In case of contact with the eyes or skin, rinse immediately with plenty of water. Information for allergy sufferers on +49 821 59 01-380. For further information please refer to the Safety Data Sheet which is available at www.thomsit.com.

Ingredients: acrylate copolymer dispersion, wetting agent, antifoaming agent, preservatives (isothiazolinone, BNPD), dye

GISCODE D 1	solvent-free according to TRGS 610
EMICODE EC 1 ^{PLUS}	very low-emission

DISPOSAL

Further information on disposal can be found on our homepage at <http://www.thomsit.de/services-seminare/entsorgungshinweise>. Do not allow the product to enter sewer systems, surface waters or the soil. Only return the completely emptied buckets for recycling. Dried material residues can be disposed of as household waste. Non-hardened product residues must be taken to a collection point for hazardous waste.

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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.