



R 755

Epoxy Safety Primer

For difficult substrates and heavy-duty service conditions

CERESIT
R755_TM_11_0816

CHARACTERISTICS

- ▶ Highly efficient barrier against residual moisture
- ▶ Extremely resistant to stresses
- ▶ Very good adhesion
- ▶ Can be used for PAH decontamination
- ▶ Very low emissions

SCOPE OF USE

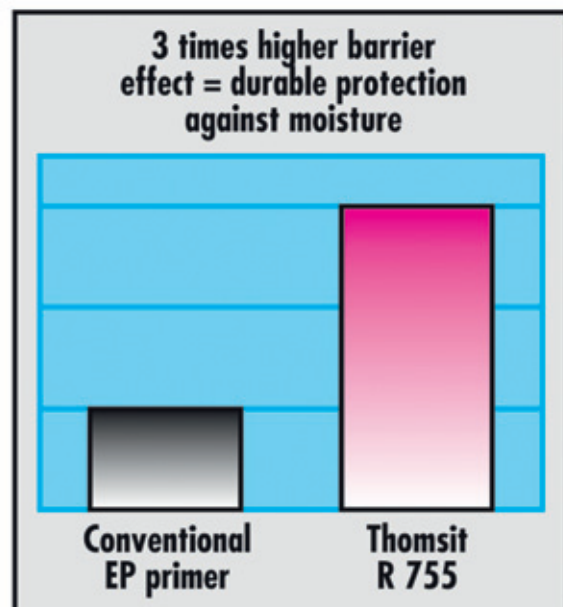
Very low emission, two-component epoxy resin primer used for

- sealing against capillary rise of moisture or residual moisture in cement screeds with a moisture content up to 6 % CM and concrete floors with a moisture content up to 7 % by weight.
- sealing old, existing substrates and mastic asphalt before direct bonding with elastic wood flooring adhesives (plasticizer barrier).
- protecting moisture-sensitive substrates such as firmly adhering adhesive residues, dry building boards, wooden substrates, magnesia screeds and magnesium oxychloride screeds.
- as binder for producing epoxy resin mortars and epoxy resin screeds used in conjunction with firedried quartz sand (grain size 0.4 – 0.8 mm and grain size 0.2 – 2 mm)

Mixing ratio:

approx. 5 kg grain size 0.4 – 0.8 mm/approx. 5 kg grain size 0.2 – 2 mm/1 kg Ceresit R 755

- The product has proven itself on difficult substrates and as adhesion promoter on stone and tile floors, mastic asphalt screeds, metal surfaces etc. and when expecting that the floor will be subject to high stresses. Also suitable for strengthening highly absorbent and not sufficiently stable (crumbling, sanding) substrates.



SUBSTRATE PREPARATION

The substrates must meet the requirements of ATV DIN 18365 "Flooring work" and ATV DIN 18356 "Parquet work" (or comparable national standards). In particular, they must be clean, crack-free, sound, dry, and free of substances that would impair adhesion. Mechanically remove old coverings and all residues of adhesives and screeding compounds that do not firmly adhere to the substrate. Always sand down calcium sulphate screeds and vacuum off the surface. Sandblast or mill magnesium oxychloride and magnesia screeds. Strip metal, stone and tile floors and grind if necessary. When using R 755 as a barrier against the capillary rise of moisture, the moisture-resistant subfloor must be completely freed (e.g. by sandblasting/milling) of any tenacious soiling.

APPLICATION

The primer consists of a resin and a hardener supplied in separate compartments of a tin canister. Use a sharp, pointed tool to punch several holes through the plastic plug and the bottom of the top container which acts as a lid. Lift the top container slightly to allow the hardener to drain completely into the canister below. Then carefully mix resin and hardener using a hand drill with stirring attachment for at least 2 minutes. If available, use a continuously adjustable stirrer. Apply a generous coat of Ceresit R 755 with a lamb-skin roller. For blocking the capillary rise of moisture or residual moisture in concrete floors or cement screeds, a second coat must be applied crosswise not later than 48 hours after the first coat has dried.

Before applying a levelling compound:

After the Ceresit R 755 primer coat has completely hardened and before applying a levelling compound of up to 10 mm thickness, it is necessary to roughen the priming coat with a black stripping pad. Afterwards, apply an undiluted coat of Ceresit R 766 Multi-Purpose Primer. Alternatively, and always with a levelling layer thickness of more than 10 mm, sprinkle the still liquid Ceresit R 755 coat with firedried quartz sand of grain size 0.4 – 0.8 mm (at least 2 kg/m²). If Ceresit R 755 is used as a moisture barrier (2 coats required), only sprinkle the second coat with sand. After the Ceresit R 755 priming coat has fully hardened, remove any loose sand particles by grinding and thoroughly vacuum them off.

Subsequent direct bonding:

If there is no need for a levelling compound, the floor covering or wood flooring can be bonded directly on the primed surface without prior sanding. Before applying the adhesive, the epoxy resin film must be roughened over the full surface using a black stripping pad. Bonding must be done within 48 hours after the last Ceresit R 755 priming coat was applied. Only use Ceresit reaction resin adhesives for bonding wood flooring.

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 %.
- Do not scrape the product remains from the bucket.
- Immediately after use clean the tools with industrial spirit (alcohol).
- Make sure to wear suitable protective equipment when working with the products.
- In case of poisoning accidents, contact poison information centre on 030/19240.
- Pot life and curing time of the primer depend on the temperature. They will be shorter at higher temperatures and longer at lower temperatures.
- The product does not replace the waterproofing measures specified by DIN 18195-5 (or national equivalents).

PRODUCT SAFETY

In the uncured state, Ceresit R 755 is a hazardous substance. For safety instructions please refer to the Safety Data Sheet. After curing, Ceresit R 755 does no longer pose a health hazard. Make sure to wear suitable protective gloves, protective glasses and protective clothing during work. In case of contact with skin or eyes, rinse immediately with plenty of water. In case of contact with the eyes, also seek medical advice. The risk of medium- or long-term 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, drinking or smoking while working with the product.

Information for allergy sufferers on: +49 (0)211 797-0 (keyword "emergency").

Keep out of reach of children.

For professional users.

Safety data sheet available on www.ceresit.com.

GISCODE RE 1	solvent-free, sensitizing
EMICODE EC 1 ^{PLUS} R	very low-emission according to GEV

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. Generally recognized rules of flooring technology as well as the applicable national standards.

DISPOSAL

Do not discharge the product into surface waters, sewer systems or soil. Return the completely emptied containers (drip-dry and open) for recycling according to the applicable regulations.

European waste code number (EWC): 08 04 09

TECHNICAL DATA

	Component A	Component B
Supplied as	bright-yellow viscous fluid	yellow-brown non-viscous fluid
Packaging	tin canister, 7 kg/21 kg	
Shipping unit	39 x 7 kg canister per pallet 11 x 21 kg canister per pallet	
Mixing ratio A : B	5 : 2 parts by weight	
Pot life	approx. 40 minutes	
Curing time	at least 12 hours	
Temperature resistance after curing	up to max. +80° C, can be used on underfloor heating constructions	
for transport	-20 °C to +50 °C	
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

	Consumption per coat	Coverage per canister
lambskin roller	approx. 300 g/m ²	7 kg: 23 m ² 21 kg: 70 m ²

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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.



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