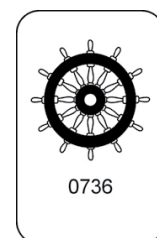




R 755

Epoxy membrane

For critical subfloors and heavy loading

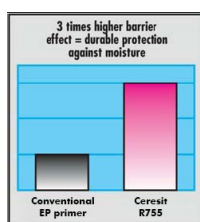


PROPERTIES

- ▶ Highly efficient barrier against residual moisture
- ▶ Highly load-resistant
- ▶ Excellent adhesion
- ▶ Suitable for reconstruction of PAHC contaminated substrates.
- ▶ Very low-emission

DESCRIPTION

Two-component epoxy resin primer for mineral substrates and non-absorbent substrates such as mastic asphalt screeds, stone, tile, metals and in particular for floors subject to high loading. Proven product for problem substrates, as a barrier against retained construction moisture in concrete, cement & sand screeds up to max. 6% CM Does not replace waterproofing measures specified in DIN 18195, Part 5 (or national equivalents).



SUBSTRATE PREPARATION

Subfloors should comply the test criteria of ATV DIN 18 365 "Floorcovering work" or ATV DIN 18 356 "Parquet 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. Remove any old residues of adhesive, levelling compound and floorcoverings using mechanical

equipment. Brush and vacuum concrete floors. Remove any laitance. Always grind sulphate screeds (with sandpaper, grain size 16) and vacuum clean. Sand-blast or mill magnesite composite screeds. Strip metals, stone and tile floors with Ceresit PRO 40 and grind if necessary. When using R 755 as a barrier against residual construction moisture ensure the subfloor is clean (by shotblasting/milling) of any surface contamination.

APPLICATION

The primer is supplied in a 2-component combi canister (resin and hardener). Component A is in the base of the canister, component B in the lid. Punch several holes through the plastic lug and bottom of the lid with a long screwdriver or similar pointed tool. Slightly lift the lid and allow the hardener to flow completely into the lower canister. In some countries the primer is supplied in two separate pails. In this case, pour the hardner (component B) into the resin (component A). Afterwards, mix the 2 components thoroughly for at least 2 minutes, using a hand drill with mixer attachment. Apply a generous coat of Ceresit R 755 with a lambskin roller. When used as a barrier against capillary rise of moisture or residual moisture in concrete floors and cement screeds, a second coat is always necessary. After the first coat has cured but after 48 hours at the latest, apply the second coat crosswise. Sprinkle the fresh priming coat with fire-dried quartz sand (grain size 0.3-0.7mm; at least 2kg/m²). When the primer is used as a moisture barrier, only sprinkle the second coat.

IMPORTANT INFORMATION

- Do not install floor coverings at floor temperatures below 15°C or at a relative humidity above 75 %.
- Do not scrape product remains from the canister.
- Clean the tools immediately after use with Ceresit R 733.

Pot life and curing time of the primer depend on the temperature. They will be shorter at higher temperatures and longer at lower temperatures.

TECHNICAL INFORMATION

Please refer to the following information sheets:

1. Ceresit R 755 Safety Data Sheet
2. Product group information for GISCODE RE 1 issued by the Builders Trade Association
3. "Assessment and preparation of substrates Installation of resilient and textile floor coverings, laminate and woodblock - Heated and unheated floor constructions" issued by the Bundesverband Estrich und Belag e.V. (BEB = German Federal Association for Screeds and Coverings), Troisdorf.

PRODUCT SAFETY

In the uncured state, Ceresit R 755 is a hazardous substance.

For professional users only.

DISPOSAL

Do not dispose of the product into natural water systems, drains, or the soil. Retain the product for later use, or if beyond shelf life, mix components together, allow to cure and dispose according to local regulations. Recycle empty containers (dripfree). Information on waste codes according to the European Waste Catalogue (EWC) may be obtained from us on request.

TECHNICAL DATA

	Component A	Component B
Supplied as	liquid	liquid
Colour	bright yellow	yellow-brown
Density	approx. 1.1 kg/L	approx. 1.0 kg/L
Mixing ratio A:B	5:2 parts by weight	
Coverage if applied by lambskin roller	approx. 300 g/m ² per coat	
Pot life	30 - 40min	
Curing time	at least 12hrs	
Temperature resistance		
- after curing	up to max. 80 °C	
- for transport and storage	-20°C to 50°C	
Shelf life	12 months in a cool and dry place	
Packaging	2 component 5L kit	

The above times are based on normal climatic conditions (23°C / 50% rel. humidity). Other climatic conditions can result in a lengthening or reduction in curing and drying times.

The information contained herein, particularly recommendations for the handling and use of our products, is based on our professional 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 their intended use. Legal liability cannot be accepted on the basis of the contents of this data sheet or any verbal advice given, unless there is a case of wilful misconduct or gross negligence on our part. This technical data sheet supersedes all previous editions relevant to this product.



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