R 740

1 Component PUR Fast Barrier Primer

For absorbent and impervious substrates

CHARACTERISTICS

- Universal use
- Prevents plasticizer migration
- Reliably seals against moisture
- Fully cured after only one hour

SCOPE OF USE

Very low-emission, water-free, one-component polyurethane primer used for

– 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 magne- sium oxychloride screeds.
– sealing against capillary rise of moisture or residual moisture in cement screeds with a moisture content up to 4 % CM (heated cement screeds: 3 % CM) and concrete floors up to 5 % CM.

Ceresit R 740 can be universally applied as a fast-dry- ing priming coat before applying levelling compounds on absorbent and impervious substrates. It can also be applied before the direct bonding of wood flooring with reaction resin adhesives. Furthermore it is suitable for strengthening highly absorbent and not sufficiently stable or dusting substrates.
Ceresit R 740 meets the highest requirements for indoor air quality and environmental compatibility.

SUBSTRATE PREPARATION

Substrates must meet the general technical specifica- tions for comparable national standards. In particular they must be clean, free from structural defects, firm and free of substances which may impair adhesion. Mechanically remove old coverings and all residues of adhesives and screeding com- pounds that do not firmly adhere to the substrate. Brush and vacuum off concrete floors, remove any cement laitance. Always grind and vacuum off calcium sulphate screeds. Magnesium oxychloride and magnesia screeds must be shot blasted or milled. Preclean stone and tile floors and sand them down if necessary.

Before applying Ceresit R 740 as a barrier against capillary rise of moisture or residual moisture, the moisture-resistant substrate must be completely freed from all adherent residues, dirt or other soiling (if necessary shot blast or mill the surface).

APPLICATION

Apply a thin, uniform priming coat with a suitable roller (see Technical Data). Avoid pooling of excess primer on the surface. When sealing the substrate against capillary rise of moisture or residual moisture in concrete floors or cement screeds, it is always necessary to apply a 2nd coat crosswise after the 1st one has dried (after 24 hours at the latest). The total amount of primer applied must be approx 250 g/m^2.

Subsequent application of levelling compound:
After Ceresit R 740 Primer has cured, apply a coat of Ceresit R 766 Multi Purpose Primer undiluted.

Subsequent direct bonding:
If no further levelling work needs to be done, the floor covering or wood flooring can be installed directly within 24 hours after applying the last priming coat.
It is necessary to roughen the priming coat with a black stripping pad. Make sure to use only Ceresit reaction resin adhesives for bonding wood flooring (parquet).

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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 %.
- Immediately remove fresh spots of adhesive with industrial spirit (alcohol).
- Keep containers tightly closed when not in use, and use up the contents quickly.

"The curing time depends on ambient temperature and relative air humidity. High temperatures and humidity shorten the curing time whereas low temperatures and humidity lengthen it. The product does not replace the waterproofing measures specified by DIN 18195-5 (or national equivalents)."

PRODUCT SAFETY

Ceresit R 740 is a hazardous substance in the uncured state. After curing, Ceresit R 740 does no longer pose a health hazard. Make sure to wear suitable protective gloves 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 re- lease 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 RU 1 solvent-free, according to TRGS 610
EMICODE EC 1 PLUS R very low-emission according to GEV

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 09.

STORAGE

6 months, in a cool and dry place.

PACKAGING

Plastic canister, 12 kg.

TECHNICAL DATA

Supplied as	brown liquid
Curing time	approx. 60 – 90 minutes
Temperature resistance after curing	up to +50 °C, can be used on underfloor heating constructions
for transport	+5 °C to +50 °C
for storage	+10 °C to +30 °C

Consumption:

		coverage/bucket
Short pile/foam roller	80 – 120 g/m²	approx. 120 m²
Lambskin roller	100 – 150 g/m²	approx. 100 m²

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.

Apart from the information given here it is also important to observe the relevant guidelines and regulations of various organisations and trade associations as well as the respective standards of the German Standards Institute (DIN). The aforementioned characteristics are based on practical experience and applied testing. Warranted properties and possible uses which go beyond those warranted in this information sheet require our written confirmation. All data given was obtained at an ambient and material temperature of +23 °C and 50 % relative air humidity unless specified otherwise. Please note that under other climatic conditions hardening can be accelerated or delayed.

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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