

Ceresit



R 710

Polyurethane Adhesive

For coverings indoor and outdoor

CHARACTERISTICS

- ▶ Very high load resistance
- ▶ Moisture- and weather-resistant
- ▶ High coverage

SCOPE OF USE

Very low emission, 2-component polyurethane adhesive for

- bonding rubber tiles (e.g. Norament)
- design flooring (LVT), PVC and quartz vinyl tiles
- outdoor coverings
- concrete and earthenware
- polystyrene, wooden materials and building boards on absorbent and nonabsorbent substrates in heavyduty commercial and industrial service areas. For indoor and outdoor use. Ceresit R 710 meets the highest requirements for indoor air quality and environmental compatibility.

SUBSTRATE PREPARATION

Substrates must comply with the requirements of ATV DIN 18 365 "Flooring work", BS CP 8203 & 8204 or comparable national standards. In particular, they must be clean, free from structural defects, firm, dry and free of substances which may impair adhesion. After mechanical pretreatment (e.g. grinding/ vacuuming), prepare the substrate with suitable Ceresit primers and levelling compounds so that it is ready to receive floor coverings. For heavy-duty areas only use primers and levelling compounds that have been declared as suitable for this particular application. In outdoor areas and in indoor areas on subfloors in direct contact with the soil, always

use Ceresit R 755 to seal off the subfloor against capillary-rising moisture.

APPLICATION

The adhesive consists of two components (resin and hardener) supplied in separate compartments of the bucket. Use a sharp pointed tool to punch several holes through the plastic plug and the bottom of the top container, which acts as the bucket lid. Lift the top container slightly to allow the hardener to drain completely into the bucket below. Then carefully mix the resin and hardener using a hand drill with stirring attachment for at least 2 minutes. Apply the adhesive evenly to the subfloor using a suitable notched trowel. Only apply as much adhesive as can be laid with floor coverings within the working time. No open time required. Install the floor coverings directly into the adhesive bed, taking care to avoid any air pockets. The covering material must be free of tension and lie flat on the substrate, otherwise weight it down. Avoid rucking at the seams. Carefully roll down freshly laid areas. After start of adhesive curing, roll over the bonded area again.

Tipp: For control reasons apply adhesive to an offset of the covering material at the beginning of the installation.

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 out the bucket.
- Protect the installed floor covering from direct sunlight until the adhesive has cured.
- Immediately after use clean the tools with industrial spirit (alcohol).
- Pot Life and Working time may vary depending on the temperature. They will be shorter at higher temperatures but longer at lower temperatures.

PRODUCT SAFETY

Ceresit R 710 contains isocyanates, which may cause sensitization by inhalation and skin contact. Wear protective gloves and clothing. 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 curing. 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, also seek medical advice. Information for allergy sufferers on: +49 (0)211 7970 (key word "emergency"). Keep out of reach of children.

For professional users.

Safety data sheet available on www.ceresit.com
 GISCODE RU 1 solvent free accord. to TRGS 610
 EMICODE EC 1^{PLUS}R very low emissions 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. Installation as well as cleaning and care instructions of the flooring manufacturers.
3. Generally recognized rules of flooring technology as well as the applicable national standards.

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

TECHNICAL DATA

	Component A	Component B
Supplied as	grey paste	brown liquid
Packaging	plastic bucket, 4 kg + 10 kg	
Shipping unit	90 x 4 kg or 39 x 10 kg per pallet	
Mixing ratio A : B	4.5 : 1 parts by weight	
Pot life	approx. 25 minutes	
Open time	none	
Working time	approx. 45 minutes	
Load bearing	after approx. 8 hours	
Chemical resistance	after 7 days	
Suitability for castor chairs	according to DIN EN 12529, as well as resistant to pallet and fork lift trucks	
Temperature resistance after curing	-20°C to +80°C, can be used on underfloor heating constructions	
for transport	-20°C to +50°C, protect against frost	
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

notch size	consumption	coverage
Rubber flooring with a smooth, polished backing (e.g. Norament) notch size A 5	approx. 250 g/m ²	approx. 16m ² /approx. 40m ²
Design floor coverings (LVT), PVC and quartz vinyl tiles notch size A 2	approx. 300 g/m ²	approx. 13m ² /approx. 33m ²
Flooring with a rough, textured backing notch size B 1	approx. 400 g/m ²	approx. 10m ² /approx. 26 m ²
notch size B 2	approx. 600 g/m ²	approx. 6m ² /approx. 17m ²

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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