

T 440



Carpet Adhesive

For bonding textile flooring on absorbent substrates

CHARACTERISTICS

- ▶ Easy to spread
- ▶ Rapid initial tack
- ▶ User-friendly working time
- ▶ High final strength

SCOPE OF USE

Very low-emission, high-grade and high-strength dispersion adhesive for:

- tufted coverings with secondary backing, non-woven and latex foamed backings
- woven flooring
- needle punch flooring
- PVC- and other composite flooring with textile backing on absorbent substrates which are ready for the installation of flooring. Also suitable for bonding water vapour permeable textile flooring on homogeneous PVC and Ceresit underlays. Ceresit T 440 meets the highest requirements for occupational safety, indoor air quality and environmental compatibility.

SUBSTRATE PREPARATION

Substrates must comply with the requirements of 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. Mastic asphalt screeds and non-absorbent substrates must first be screeded with the appropriate levelling compound to a minimum thickness of 2 mm.

APPLICATION

Apply the adhesive evenly to the substrate with a suitable trowel and allow a sufficiently open time. Only apply as much adhesive as can be covered within the working time.

Bonding of vapour permeable coverings are installed in the still wet adhesive bed after an open time of 5 – 10 minutes. Avoid trapping any air bubbles. Rub down well. Bonding of impervious, non-permeable coverings



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are installed in the still wet adhesive bed after an open time of approx. 10 – 15 minutes. Avoid trapping any air bubbles. Rub down well.

The heads and joints of coverings with high intrinsic tension should be rubbed down again.

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.
- Carry out floor installation work at floor temperature above 15 °C, air temperature above 18 °C and the relative humidity below 75 %.
- TKB briefing note 6 informs about standard notch sizes used for the installation of flooring (www.klebstoffe.com).
- Open and working time may vary depending on temperature, relative humidity and absorbency of the substrate. They will be shorter at higher temperatures and lower humidity, but longer at lower temperatures, higher humidity and with non-absorbent substrates.
- Remove any skin that may have formed on the product (e.g. caused by improper storage), do not stir it in.

- Immediately remove fresh spots of adhesive with a moist cloth. Clean the tools with water immediately after use.
- Tightly close opened buckets and use them up as soon as possible.

PRODUCT SAFETY

Ceresit T 440 is solvent-free and a suitable alternative to solvent-containing products. 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 processing this product. In case of contact with eyes or skin rinse immediately with plenty of water. After eye contact also seek medical advice.

Information for allergy sufferers on: +49 (0)211 797-0 Keep out of reach of children.

For professional users.

Safety data sheet available on www.ceresit.com. Ingredients: acrylate copolymer dispersion, modified natural resin, inorganic fillers, wetting agent, thickener, anti-foaming agent, preservatives (isothiazolinones).

GISCODE D 1 solvent-free, according to TRGS 610
EMICODE EC 1 PLUS 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 10.

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.

STORAGE

12 months, in a cool and dry place.

PACKAGING

Plastic bucket, 14 kg.

TECHNICAL DATA

Supplied as	cream paste
Open time	approx. 10 minutes
Working time	approx. 25 minutes
Load bearing	after approx. 24 hours
Suitable for castor chairs	according to DIN EN 12 529
Cleanable	yes, wet shampooing and wet extraction are possible (with appropriate floor coverings, otherwise dry cleaning recommended)
Temperature resistance after curing	up to max. +50° C, can be used on underfloor heating constructions
for transport	+5 °C to +50 °C
for storage	+10 °C to +30 °C

Consumption:

smooth back of the flooring	coverage/bucket	
notch size A 2	approx. 350 g/m ²	approx. 40 m ²
structured back, e.g. second back		
notch size B 1	approx. 450 g/m ²	approx. 31 m ²
coarsely textured back (e.g. woven) needlemats		
notch size B 2	approx. 650 g/m ²	approx. 21 m ²

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.



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Quality for Professionals