

## K 175 Water based Contact Adhesive

Solvent-free neoprene-based adhesive for all kinds of flooring



- Solvent-free and very low-emission
- Very powerful "locking effect"
- Wide application range
- Immediately load-bearing

### Fields of application

Very low-emission neoprene-based contact adhesive with for bonding

- rubber flooring with a smooth, sanded back
- homogeneous and heterogeneous PVC flooring
- linoleum and cork flooring
- textile and needle punch flooring
- wall padding on impact-resistant walls
- Thomsit Floor® TF 303 and TF 305
- stair nosings and skirting boards

Suitable for use indoors on absorbent and non-absorbent surfaces (walls, floors and ceilings).

Also suitable for repair work, for bonding on top of inspection openings and for other applications.

Thomsit K 175 meets the highest requirements for occupational safety, indoor air quality and environmental compatibility.

### Technical data

Supplied as	creme-white, paste
Packaging	plastic bucket, 5 kg
Shipping unit	72 buckets per pallet
Open time	20 - 40 minutes
Working time	approx. 90 - 120 minutes
Curing time	none, immediately resistant
Suitability for castor chairs	resistant to chairs with castors according to DIN EN 12529
Temperature resistance after curing	up to max. +50 °C, can be used on underfloor heating constructions
for transport	+5 °C to +50 °C, protect against frost
for storage	+10 °C to +30 °C
Cleanable	Yes, wet shampooing and wet extraction are possible (with appropriate floor coverings, otherwise dry cleaning recommended)
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

### Contact surface floor covering:

Coverings with a smooth, slightly coarse foam textured backing, e.g. PVC, roller rubber and CV coverings, textile flooring with foam backing

approx. 150 g/m<sup>2</sup>

Coverage/bucket: approx. 33 m<sup>2</sup>

Coverings with a textured coarse foam backing, e.g. needle punch, roller linoleum, coverings with a non-woven backing, protective wall padding

approx. 200 g/m<sup>2</sup>

Coverage/bucket: approx. 25 m<sup>2</sup>

### Contact surface subfloor:

Depending on subfloor smoothness and absorbency

coarse foam roller

100 - 150 g/m<sup>2</sup>

Coverage/bucket:  
approx. 33 - 50 m<sup>2</sup>

The total consumption is calculated based on two areas: contact area floor covering + contact area substrate. Coverage per bucket: approx. 17 m<sup>2</sup>

## Preparation of substrate

Substrates must comply with the requirements of ATV DIN 18 365 "Flooring work". BS CP 5325, 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 Thomsit primers and levelling compounds so that it is ready to receive floor coverings. Strip dense, smooth substrates, like ceramic tiles, natural stone or metal surfaces, using an intensive cleaner and grind if necessary.

## Application procedure

Apply the adhesive with a coarse foam roller - both on the substrate and the flooring material. In corner areas it is recommendable to apply the product with a paint brush. Allow all adhesive layers to dry until they are tack-free to the touch. The underside of the flooring/flooring element (skirting board, stair nosing) can also be coated the day before. In this case, the area to be covered only needs to dry until the surface feels "finger-dry" (no adhesive sticks to the finger when doing the finger test).

Place the floor covering onto the adhesive. Take care to ensure accurate fit. Then carefully rub the material down or tap it into place. Later adjustment of the position is not possible. After installing the floor covering, wait at least 12 hours before welding the seams.

## 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 %.
- Rubber skirting boards may have residues of release agent on the back and must therefore be thoroughly cleaned.
- Open and working time may vary depending on the temperature, relative humidity, amount of adhesive applied 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 adhesive (e.g. caused by improper storage); do not stir in.
- Immediately remove fresh adhesive stains with a damp cloth.
- Clean the tools with water after use.
- Tightly close the container after use and use it up as soon as possible.

## Product safety

Thomsit K 175 is solvent-free and therefore a suitable alternative to solvent-containing products. The risk of medium- or long-term release of appreciable concentrations of volatile organic compounds (VOCs) to the ambient air is negligible. Nevertheless, ensure good ventilation during and after application and drying. Avoid eating, drinking or smoking while processing this product. Protect skin and eyes. If skin or eye contact occurs, rinse thoroughly with plenty of water. In case of contact with the eyes, also seek medical advice. Information for allergy sufferers on: +49 180 2273112 (key word: emergency). Keep out of the reach of children.

**For professional users.**



# Thomsit

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Safety data sheet available on [www.thomsit.com](http://www.thomsit.com)

**Ingredients:** polychloropren dispersion, modified natural resin, inorganic fillers, wetting agent, thickener, anti-foaming agent, preservatives (isothiazolinones, BNPD)

GISCODE D 1	solventfree acc. to TRGS 610
EMICODE EC 1 <sup>PLUS</sup>	very low emissions acc. to GEV
RAL UZ 113	Blue Angel, environmentally friendly due to very low emissions

## Technical information

Please observe the information and instructions given in the following publications:

1. Technical briefing notes issued by the Technische Kommission Bauklebstoffe ([www.klebstoffe.com](http://www.klebstoffe.com), see under "Publikationen")
2. Installation instructions as well as cleaning and care instructions of the respective 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

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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