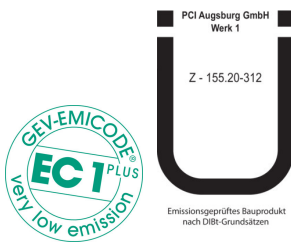


Water based Contact Adhesive

K 175

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



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

FEATURES AND BENEFITS

- Wide application range for all types of floor coverings
- Powerful contact bonding on absorbent and impermeable substrates
- Immediately load-resistant

FIELDS OF APPLICATION

Very-low emission neoprene contact adhesive for bonding:

- molded stair treads, stair nosings and skirting boards
- rubber flooring, PVC flooring, lineloum flooring
- cork flooring
- textile flooring and needle punch
- wall padding on impact-resistant walls
- THOMSIT TF 302, TF 303 and TF 305 underlays

Suitable for dry indoor use on absorbent and non-absorbent surfaces (stairs, walls, floors and ceilings). Also suitable for repair work, seam repairs, bonding on top of inspection covers, etc. Can also be used in frequently used areas, e.g. hospitals, shops, shopping centers and industrial halls.

THOMSIT K 175 meets the highest demands 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 | 90 – 120 minutes |
| Curing time | none, immediately resistant |
| Suitability for castor chairs | resistant to chairs with castors according to DIN EN 12529 |
| 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, 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

| | Consumption | Coverage/bucket |
|---|------------------------------------|--------------------------------|
| Contact surface floor covering | | |
| Coverings with a smooth, slightly textured backing, e.g. PVC, rubber and CV coverings, textile flooring with foam backing | | |
| coarse foam roller | approx. 150 g/m ² | approx. 33 m ² |
| Coverings with a textured backing, e.g. needle punch, linoleum, coverings with a non-woven backing, protective wall padding | | |
| coarse foam roller | approx. 200 g/m ² | approx. 25 m ² |
| Contact surface subfloor | | |
| Depending on subfloor smoothness and absorbency | | |
| coarse foam roller | approx. 100 – 150 g/m ² | approx. 33 – 50 m ² |

The total consumption is calculated based on two areas: contact area floor covering + contact area substrate. Coverage per bucket: approx. 17 m²

PREPARATION OF SUBSTRATE

Substrates must comply with the requirements of ATV DIN 18 365 "Flooring work" 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

Contains chloroprene dispersion.

Harmful to aquatic life with long lasting effects.

Treated goods in accordance with regulation (EU) No 528/2012: Contains bronopol, zinc pyrithione, 1,2-benzisothiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one, mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-Methyl-2H-isothiazol-3-one (3:1).

May cause an allergic reaction. Contains biocide (in-can preservative). Keep out of the reach of children. 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: +49 821 5901-0.

Clean tools with water immediately after use.

Safety data sheet available on www.thomsit.com

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

GISCODE D 1

solvent-free acc. to TRGS 610

EMICODE EC 1^{PLUS}

very low emissions

TECHNICAL INFORMATION

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

- Information sheets issued by Bundesverband Estrich und Belag e.V. (BEB), Troisdorf on the "Assessment and preparation of substrates" (beb-online.de)
- Technical briefing notes issued by the Technische Kommission Bauklebstoffe (www.klebstoffe.com, see under "Publikationen")
- Installation as well as cleaning and care instructions of the flooring manufacturers.
- Generally recognized rules of flooring technology as well as the applicable national standards.

SERVICE FOR ARCHITECTS AND DESIGNERS

Please contact our sales force if you need advice or building project support. Further documents can be downloaded from the internet at www.thomsit.com.

DISPOSAL

Further information on disposal can be found on our homepage at <http://www.thomsit.de/services-seminare/entsorgungshinweise>. Do not allow the product to enter sewer systems, surface waters or the soil. Only return the completely emptied buckets for recycling. Dried material residues can be disposed of as household waste. Non-hardened product residues must be taken to a collection point for hazardous waste.

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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.