

Thomsit



T 410 AQUATACK Carpet Adhesive

Particularly high bonding strength for textile coverings on walls and floors



- Excellent initial tack
- Wide application range
- Long working time
- Very high final strength

Fields of application

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

- textile coverings with secondary backing, latex foam, non-woven and PUR backing
- Woven coverings
- Needle punch coverings
- Coconut and sisal coverings with latex backing
- PVC and other composite coverings with non-woven backing
- Thomsit Damping Underlays

on substrates which are ready for the installation of flooring. Thanks to its excellent contact bonding properties, this special adhesive allows instant bonding on walls and stairs. Also suitable for bonding textile coverings to homogeneous PVC and Thomsit underlays. Thomsit T 410 meets the highest requirements for occupational safety, indoor air quality and environmental compatibility.

Technical data

Supplied as	cream paste
Packaging	plastic bucket, 15 kg
Shipping unit	33 buckets per pallet
Open time	approx. 15 minutes
Working time	approx. 40 minutes
Load bearing	after approx. 24 hours
Suitability for castor chairs	acc. 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

Smooth-textured backing		
notch size A 2	approx. 300 g/m ²	coverage/bucket: approx. 50 m ²
Strongly textured backing, needle punch with moderate tension		
notch size B 1	approx. 400 g/m ²	coverage/bucket: approx. 38 m ²
Rough backing (for example woven coverings), needle punch with high tension		
notch size B 2	approx. 550 g/m ²	coverage/bucket: approx. 27 m ²

Preparation of substrate

Floor:

Substrates must comply with the requirements of ATV DIN 18 365 "Floor covering Work", BS CP 5325 & 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. Thoroughly clean existing, firmly adhering PVC/CV coverings. On CV floor coverings additionally apply a smoothing layer of Thomsit FF 69 FlexFinish. On mastic asphalt screeds and non-absorbent mineral substrates apply a layer of at least 2 mm thickness.

Walls:

Level off any unevenness with a standard wall levelling compound. Prime absorbent substrates.

Application procedure

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 approx. 10 - 15 minutes. Avoid trapping any air bubbles. Rub down well.

Bonding of impervious, non-permeable coverings

are installed in the still wet adhesive bed after an open time of approx. 15 - 20 minutes. Avoid trapping any air bubbles. Rub down well.

On walls allow a minimum open time of 20 minutes and install the covering starting from the top working downwards, rubbing down well.

Contact bonding

Alternatively, Thomsit T 410 is also suitable for contact bonding. This bonding method is recommended when installing impermeable coverings on non-absorbent substrates. Apply the adhesive both on the substrate (e.g. with a B1 trowel) and on the back of the flooring material (e.g. with an A2 trowel or a roller). Wait until the adhesive has completely dried before joining the surfaces to be bonded. Then carefully rub or roll the flooring material down.

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 and soap immediately after use.
- Tightly close opened buckets and use them up as soon as possible.



Product safety

Thomsit T 410 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 chemicals (VOC) into 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 eye and skin. 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: + 49 180 2273112.

Keep out of reach of children.

For professional users.

Safety data sheet available on www.thomsit.com

Ingredients: acrylate copolymer dispersion, modified natural resin, inorganic fillers, poly(1,2-propandiol), wetting agent, thickener, anti-foaming agent, preservatives (isothiazolinones, BNPD)

GISCODE D 1	solventfree acc. to TRGS 610
EMICODE EC 1 ^{PLUS}	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, 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 10

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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