

Aquatack Carpet Adhesive

T 410

Particularly high bonding strength for textile coverings on walls and floors



FEATURES AND BENEFITS

- Very good initial tack
- Wide application range
- Long open time
- Very high final strength

FIELDS OF APPLICATION

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

- textile flooring with secondary backing, latex foam, fleece or PUR backing
- woven carpeting
- unwieldy needle punch carpeting
- coir or sisal flooring with latex backing
- PVC and other composite flooring with fleece backing
- THOMSIT damping underlays

on substrates ready for flooring installation. Thanks to excellent contact bonding properties, THOMSIT T 412 Aquatack allows instant fixing of coverings on walls and stairs. Also suitable for bonding textile flooring on homogeneous PVC and THOMSIT underlays.

THOMSIT T 410 meets the highest demands 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
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/pail
smooth or slightly structured backing:		
notch size A 2	approx. 300 g/m ²	approx. 50 m ²
Strongly structured backing, normal needle punch carpeting:		
notch size B 1	approx. 400 g/m ²	approx. 38 m ²
Coarse or nubby backing (e.g. woven fabric), very unwieldy needle punch carpeting, tennis surfaces:		
notch size B 2	approx. 550 g/m ²	approx. 27 m ²

PREPARATION OF SUBSTRATE

Floor:

Substrates must comply with the requirements of ATV DIN 18 365 "Floor covering 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. 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. Floor coverings that are subject to high tension in particular require repeated rubbing down after a while.

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 %.
- 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.
- 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.

PRODUCT SAFETY

Treated goods according to Regulation (EU) No. 528/2012: Contains Bronopol. Contains a mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May cause allergic reactions.

Contains biocide (in-can preservative).

Keep out of the reach of children. Ensure adequate ventilation during processing and drying. Eating, drinking and smoking should be avoided while the product is being processed. Protect skin and eyes. In case of contact with eyes or skin, rinse immediately with plenty of water. In case of eye contact, also consult a doctor.

Information for allergy sufferers: +49 821/59 01-0

or by calling the emergency number: Tel.: +49 180 2273-112.

Take off contaminated clothing and wash before reuse. Containers that have been opened must be sealed airtight immediately. Clean tools with water immediately after use. Further information can be found in the safety data sheet available at 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	solvent-free acc. to TRGS 610
EMICODE EC 1 ^{PLUS}	very low emissions
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:

- "Assessment and preparation of substrates" of the Bundesverband Estrich und Belag e.V. (BEB), Troisdorf (www.beb-online.de).
- Technical briefing notes issued by the Technische Kommission Bauklebstoffe (www.klebstoffe.com, see under "Publikationen")
- Installation instructions as well as cleaning and care instructions of the respective 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.

PCI Augsburg GmbH

Piccardstraße 11, 86159 Augsburg,
Tel.: +49 821 5901 0

thomsit-info@pci-group.eu

www.thomsit.com

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.