



## T 412 Aquatack Conductive Carpet and Linoleum Adhesive

For bonding textile and linoleum flooring



- Light color and conductive
- Rapid initial tack
- Good final strength
- Wide application range
- Long working time

### Fields of application

Very low-emission dispersion adhesive with high initial tack for installing conductive or antistatic

- tufted coverings with secondary backing, latex foam, non-woven and PUR backing
- needle punch flooring
- woven textile flooring
- conductive linoleum sheets and tiles

on absorbent substrates. When used in conjunction with suitable flooring, Thomsit T 412 allows to produce static dissipative and conductive floors. Thomsit T412 meets the highest requirements for occupational safety, indoor air quality and environmental compatibility.

### Technical data

Supplied as	light grey paste
Packaging	plastic bucket, 14 kg
Shipping unit	33 buckets per pallet
Open time	approx. 10 minutes
Working time	approx. 25 minutes
Load bearing	after approx. 24 hours
Grounding resistance	$< 3 \times 10^5 \Omega$ acc. to DIN EN 13 415
Suitability for castor chairs	resistant to chairs with castors 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	wet shampooing and spray extraction 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

	Consumption	coverage/bucket
Carpets with little textured back		
notch size B 2	approx. 380 g/m <sup>2</sup>	approx. 37 m <sup>2</sup>
Needled, woven carpet, linoleum		
notch size S 2	approx. 450 g/m <sup>2</sup>	approx. 31 m <sup>2</sup>

## Preparation of substrate

Substrates must comply with the requirements of ATV DIN 18 365 "Flooring 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. Once the substrates have been prepared in this way, apply Thomsit R 762 Conductive Finish and prepare the grounding connections (see Technical Data Sheet R 762). In case of doubt, please request our advice.

## Application procedure

Apply the adhesive evenly to the substrates and allow to evaporate. Only apply as much as adhesive as can be laid with floor coverings within the working time.

### Textile coverings:

Textile coverings are laid 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 relatively high intrinsic tension should be rubbed down once again after some time.

### Linoleum:

Wait for a short time of approx. 5-10 minutes, then slide the floorcovering into the adhesive bed, flexing the ends in the opposite direction to relieve stress, and rub down or roller immediately. Ensure the backing of the covering is well wetted. If necessary drive out any trapped air bubbles to the sides. If needed, re-rub seams, heads and bight marks 10-20 minutes later.

## 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.
- Only carry out floor installation work if the floor temperature is above 15 °C, air temperature above 18 °C and relative humidity below 75 %.
- Remove any skin of dried-up adhesive which may have formed (e.g. due to improper storage). Do not stir in.
- Remove fresh spots of adhesive with a moist cloth.
- Clean 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 nonabsorbent substrates.
- Wait at least 12 hours after installation before having the floor construction grounded by a qualified electrician.



# Thomsit

## Product safety

Thomsit T 412 is solvent-free and a suitable alternative to solvent-containing products. No special safety procedures or measures are necessary for its use. The risk of medium or longterm 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 eyes 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](http://www.thomsit.com)

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

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

## Technical information

Please also follow the instructions in the following information sheets:

1. Briefing notes of the Technische Kommission Bauklebstoffe ([www.klebstoffe.com](http://www.klebstoffe.com), see under "Publications")
2. Installation as well as cleaning and care instructions of the 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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