

# THOMSIT

make it!

A brand of PCI – Für Bau-Profis

# TK 199

## UNIVERSAL TACKIFIER

**Water-based bonding dispersion for textile and CV flooring**

## FEATURES AND BENEFITS

- Easier removal of floor coverings
- Water-based formulation, tackifier is therefore removable
- For use on suitable wearing surfaces

## FIELDS OF APPLICATION

Ready-to-use special product with very low emissions for fixing floor coverings with low intrinsic tension such as

- tufted carpeting with non-woven, textile or latex foam backing
- textile flooring with PVC backing
- PVC and CV flooring with/without nonwoven backing on existing water-insensitive hard flooring and levelled substrates.

Any future change of flooring is made much easier thanks to the adjustable adhesion and removability. Thomsit TK 199 meets the highest requirements for occupational safety, indoor air quality and environmental compatibility.



[www.blauer-engel.de/uz113](http://www.blauer-engel.de/uz113)



Z - 155.20-486

Emissionsgeprüftes Bauprodukt nach DIBt-Grundsätzen

**TECHNICAL DATA**

Supplied as	creamwhite paste
Packaging	plastic bucket, 12 kg
Shipping unit	30 buckets per pallet
Working time	
absorbent substrate	up to 2 hours
non-absorbent substrate	up to 4 hours
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	Wet shampoo and spray extraction cleaning are possible with the appropriate flooring material, otherwise use dry cleaning.
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**

Texture of the backing	Roller/Notched trowel	Consumption	coverage/bucket
Smooth	Lambskin roller	100–150 g/m <sup>2</sup>	80-120 m <sup>2</sup>
Normal texture	A4	approx. 200 g/m <sup>2</sup>	60 m <sup>2</sup>
Rough texture, nonwoven backing	A2	approx. 300 g/m <sup>2</sup>	40 m <sup>2</sup>

**PREPARATION OF SUBSTRATE**

Substrates must comply with the requirements of ATV DIN 18 365 "Flooring work", BS CP 5325, 8203 or 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 proper mechanical pretreatment (e.g. grinding and vacuuming), prepare the substrate with suitable Thomsit primers and levelling compounds so that it is ready for covering. Clean firmly bonded hard flooring. Re-bond any loose flooring.

## APPLICATION PROCEDURE

The adhesion of Thomsit TK 199 can be adjusted over a wide range by varying the amount of fixative applied and the open time: wet bonding = high adhesion, dry bonding = low adhesion. When installing smooth-backed flooring, preferably use a lambskin roller; in case of flooring with textured backing, use a notched trowel size A4 or A2. If the fixative needs to be removed when changing the flooring, please take into account that the application of higher amounts also involves a higher cleaning effort.

Apply Thomsit TK 199 uniformly on the substrate. Observe the following open times:

Open times:	Wet bonding	Dry bonding*
Lambskin roller	approx. 10–20 min	approx. 20–45 min
Notched trowel A4	approx. 20–45 min	approx. 30–60 min
Notched trowel A2	approx. 30–60 min	approx. 45–90 min

\*Finger test: The surface must be touch-dry, no tackifier must stick to the finger.

## 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 %.
- TKB briefing note 6 informs about standard notch sizes used for the installation of flooring ([www.klebstoffe.com](http://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 fixative 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.
- Experience has shown that porous substrates (e.g. joints between ceramic tiles) may require a considerably higher effort for removing the fixative.
- Staining on the surface of old flooring materials, especially on PVC, CV and natural stone coverings, cannot be completely ruled out.
- The surface texture of the old floor covering may show through the new covering that has been fixed on top.

After that, place the floor covering and carefully rub it down. If necessary, rub or roll it down again after approx. 30 minutes.

### Removal of the flooring:

When taking the flooring up again, start in the corners and slowly pull the flooring off towards the center of the room. Soak any product and covering remains with a basic cleaner. After approx. 30 minutes, scrape the remains off the floor. The required cleaning effort depends on the contamination and age of the floor. If necessary, remove the last remains with a cleaning machine (green cleaning pad). Rinse several times with water. If the substrate is to be used again, it is recommended to perform an initial care treatment with a suitable product.

### PRODUCT SAFETY

Thomsit TK 199 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 adequate 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, if contact with eyes, seek additionally medical advice.

Information for allergy sufferers available on: +49 180 2273112 (key word "emergency").

Keep out of reach of children.

### 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")

### 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

#### 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, antifoaming agent, preservatives (methylisothiazolinone, benzisothiazolinone, 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

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.

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.

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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.