



TKL 300 Fast-Fix Adhesive

For bonding linoleum in heavy-duty service areas



- Very low emissions
- Fast curing
- Resistant to forklift traffic
- Suitable for sports hall floors

Fields of application

Very low-emission, solvent-free dispersion adhesive with water-binding component for rapid and highly load-resistant bonding of

- linoleum sheets and tiles

on absorbent and non-absorbent substrates in industrial areas and sports facilities. Thomsit TKL 300 meets the highest requirements for occupational safety, indoor air quality and environmental compatibility.

Preparation of substrate

Substrates must comply with the requirements of ATV DIN 18 365 "Flooring work", BS CP 8203 & 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. To level off any substrate unevenness, first treat with the appropriate Thomsit primer and then apply the recommended Thomsit levelling compound. Strip and grind old screeds or wear surfaces e.g. industrial coatings.

Technical data

	Component A	Component B
Supplied as	white liquid	white powder
Packaging	plastic bucket, 13 kg	
Shipping unit	24 buckets per pallet	
Mixing ratio A : B	7 : 3 parts by weight	
Open time	approx. 5 minutes	
Working time	approx. 15 minutes	
Pot life	approx. 30 minutes	
Load bearing	after approx. 24 hours	
Suitability for castor chairs	acc. to DIN EN 12529	
Temperature resistance		
after curing	up to +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
notch size B 1	approx. 400 g/m ²	approx. 33 m ²
notch size B 2	approx. 600 g/m ²	approx. 22 m ²



Application procedure

The adhesive consists of two components (dispersion and powder) which are supplied in separate containers. After opening the bucket, take out the powder bag and remove the tray separating it from the liquid component. Pour the powder into the dispersion while slowly stirring with a hand drill and suitable stirring attachment. Stir until the mixture is free of lumps, and then continue to mix thoroughly for at least another 2 minutes. Apply the adhesive evenly with a notched trowel (B1 or B2) on the substrate. After a short open time, lay linoleum in the adhesive bed, rolling back the heads to dissipate tension in the covering, and immediately rub down or roll. Ensure the backing of the covering is well wetted. If necessary drive out any trapped air bubbles to the sides. If needed, rerub seams, heads and bight marks 5-20 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.
- Equipment can be cleaned after use with water.
- Tightly close opened buckets and use them up as soon as possible.
- Potlife and curing time may vary depending on the temperature. They will be shorter at higher temperatures but longer at lower temperatures.

Product safety

The dispersion component of Thomsit TKL 300 is solvent-free and a suitable alternative to solvent-containing products. The powder component has a low chromate content. It contains cement and reacts in a strongly alkaline reaction with moisture, so protect skin and eyes. After contact wash immediately with plenty of water. After eye contact also seek medical advice.

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.

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

Keep out of the reach of children.

For professional users.

Safety data sheet available on www.thomsit.com

GISCODE comp. A D1 solvent-free, according to TRGS 610

GISCODE comp. B ZP1 chromate reduced

EMICODE EC 1^{PLUS}R very low-emission according to GEV

Technical information

Please also follow the instructions in the following information sheets:

1. Briefing notes of the Technische Kommission Bauklebstoffe (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.



Thomsit

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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): 17 01 01

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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