

# Thomsit

## K 188 S High-Grab PVC Adhesive

For bonding PVC and CV flooring on absorbent substrates



- Rapid initial tack
- Excellent spreadability
- High coverage
- Particularly suitable for design PVC flooring

### Fields of application

Thomsit K 188 S is a very low-emission wet-bed dispersion adhesive for bonding

- homogeneous PVC coverings (sheets and tiles)
- design PVC flooring
- Quarzvinylplatten
- CV floor coverings
- quartz vinyl tiles on absorbent substrates.

Not suitable for PVC-laminated cork coverings.

### Technical data

Supplied as	creamy white, paste
Packaging	plastic bucket, 14 kg
Shipping unit	33 buckets per pallet
Open time	approx. 10 minutes
Working time	approx. 30 min
Load bearing	after approx. 24 hrs
Curing time (final strength)	after approx. 72 hrs
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
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

notch A2	approx. 300 g/m <sup>2</sup>	coverage approx. 47 m <sup>2</sup>
notch A3	approx. 380 g/m <sup>2</sup>	coverage approx. 37 m <sup>2</sup>



## 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. After the proper 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. Apply a levelling layer of at least 2 mm thickness on mastic asphalt screeds and non-absorbent mineral substrates.

## Application procedure

Apply the adhesive on the substrate with a suitable notched trowel. After a open time of approx. 10 minutes, place the floor covering into the still wet adhesive. Take care to avoid air pockets and carefully rub the floor covering down to ensure good adhesive transfer to the backing. The material must be unstretched and lie flat on the substrate surface, otherwise flatten it with weights. Avoid excessive stress at the seams. After installing the floor covering, it is always necessary to carefully roll it down again or to firmly rub it down. Allow at least 24 hours before welding the seams.

## 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.
- 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 time and working time may vary depending on temperature, relative air 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

Thomsit K 188 S 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 substances (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. In case of contact with eyes or skin rinse immediately with plenty of water.

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, anti-foaming agent, preservatives (isothiazolinones, BNPD)

GISCODE D 1	solventfree acc. to TRGS 610
EMICODE EC 1 <sup>PLUS</sup>	very low emissions acc. 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.



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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): 08 04 09

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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