



K 188 E Special Adhesive Extra

For PVC, CV, Polyolefin and Rubber Floor Coverings



- Extra strong tack
- Suitable for wet, pressure-sensitive and contact bonding
- Excellent wetting even with difficult coverings
- Very economical coverage

Scope of use

Very lowemission, highgrade and highstrength dispersion adhesive for

- PVC floor coverings, homogeneous and heterogeneous, sheets and tiles
- CV floor coverings
- Quartz vinyl floor tiles
- Polyolefin sheeting
- Rubber sheets and tiles up to 2.5 mm thickness with a smooth, sanded back
- Textile floor coverings with a latex, PVC or PUR foam backing
- Thomsit Floor® sound damping underlays on absorbent substrates.

Suitable as pressure-sensitive adhesive for bonding PVC and CV floor coverings on impervious, nonabsorbent substrates (e.g. old PVC flooring). Suitable as contact adhesive for bonding coverings on stairs (e.g. moulded rubber steps) or walls (e.g. deflector panels). Thomsit K 188 E meets the highest requirements for occupational safety, indoor air quality and environmental compatibility.

Technical data

Supplied as	creamy white, paste
Packaging	plastic bucket, 13/20 kg
Shipping unit	33 x 13 kg buckets / 24 x 20 kg buckets per pallet
Open time	
Wet bonding	approx. 15 minutes
Pressure-sensitive/Contact bonding	approx. 45 minutes
Working time	
Wet bonding	approx. 40 min for PVC
Pressure-sensitive/Contact bonding	approx. 120 min for PVC
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 max. 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

Coverage roller	approx. 200 g/m ²	cov. 20 kg/approx. 100 m ²
Notch A1	approx. 250 g/m ²	cov. 20 kg/approx. 80 m ²
Notch A2	approx. 280 g/m ²	cov. 20 kg/approx. 71 m ²
Notch A3	approx. 300 g/m ²	cov. 20 kg/approx. 67 m ²
Notch A4	approx. 220 g/m ²	cov. 20 kg/approx. 91 m ²
Notch A5	approx. 150 g/m ²	cov. 20 kg/approx. 133 m ²



Substrate preparation

Substrates must comply with the requirements of ATV DIN 18 365 "Flooring work", BS CP 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 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 old, 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.

Application

Apply the adhesive evenly to the substrate with a suitable notched trowel. When installing CV or textile floor coverings for residential use, a coarse foam roller may be used alternatively.

Wet bonding (on absorbent substrates):

After a short open time of approx. 10–20 minutes, place the covering material into the still wet adhesive bed, taking care to avoid air pockets, and carefully rub it down to ensure good wetting of the back. The covering material must be free of tension and lie flat on the substrate, otherwise weight it down. Avoid rucking at the joints.

Pressure-sensitive bonding (only for CV and PVC coverings on impervious substrates):

Allow the adhesive to air-dry until it has taken on a uniformly yellowish to transparent colour (approx. 30–60 minutes). Then test with a finger to make sure it is touch-dry.

Contact bonding:

Apply the adhesive to the back of the floor covering with either roller or A5 notched trowel and to the substrate using an A4 notched trowel. After complete air-drying (finger test!), place the floor covering and rub / roll it down. This method is particularly recommended for bonding rubber and PO materials on impervious substrates.

Always press the ready laid floor covering in place by vigorously rubbing or rolling it down again. Wait at least another 24 hours before welding the joints.

Important information

- 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 tools with soap and water 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.

Product safety

Thomsit K 188 E is solventfree and a suitable alternative to solventcontaining products. 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 (0)211 7970.

Keep out of reach of children.

For professional users.

Safety data sheet available on www.thomsit.com

Ingredients: acrylate copolymer dispersion, modified natural resin, inorganic fillers, poly(1,2-propanediol), wetting agent, thickener, anti-foaming agent, preservative(benzisothiazolinon)



GISCODE D 1	solventfree accord. to TRGS 610
EMICODE EC 1	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, 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 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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