

High-Grab PVC Adhesive

K 188 S

For bonding PVC and CV flooring on absorbent substrates



FEATURES AND BENEFITS

- Fast initial tack
- Excellent spreadability
- Economical consumption
- Particularly suitable for vinyl flooring (LVTs)

FIELDS OF APPLICATION

Very low-emission wet-bed dispersion adhesive for bonding

- PVC sheets and tiles (homogeneous and heterogeneous)
- CV flooring
- quartz vinyl tiles

on absorbent substrates ready for flooring installation.

THOMSIT K 188 S meets the highest demands for occupational safety, indoor air quality and environmental compatibility.

TECHNICAL DATA

Color / consistency	creamy white paste
Pack size	14 kg PP bucket
Shipping unit	33 buckets per pallet
Flash-off time	approx. 10 minutes
Open time	approx. 30 minutes
Load-/stress-resistant	after approx. 24 hours

Resistance to castors	resistant to castors that comply with DIN EN 12529
Temperature resistance after curing	up to max. +50 °C, can be used on heated floor structures
Temperature range for transport	+5 °C to +50 °C, protect from frost
Temperature range for storage	+10 °C to +30 °C
Shelf life	at least 12 months if stored in a cool and dry place

The above times were measured under standard climatic conditions (+23 °C and 50 % rel. humidity). Please note that under other climatic conditions curing and drying may be accelerated or delayed.

CONSUMPTION

	Consumption	Coverage / bucket
Notch size A2	approx. 300 g/m ²	approx. 47 m ²
Notch size A3	approx. 380 g/m ²	approx. 37 m ²

PREPARATION OF SUBSTRATE

The substrates must comply with the applicable standards and regulations. In particular, they must be clean, firm, dry and free of cracks or substances which may impair adhesion. After mechanical pretreatment (e.g. sanding / vacuuming), prepare the substrate with a suitable THOMSIT primer and levelling compound so that it is ready to receive flooring. On mastic asphalt screeds and non-absorbent mineral substrates apply a levelling layer of at least 2 mm thickness.

APPLICATION PROCEDURE

Apply the adhesive evenly to the substrate using a suitable notched trowel. Only apply as much adhesive as can be covered with flooring while the adhesive is still wet to ensure full adhesive transfer and wetting of the underside. After a flash-off time of approx. 10 minutes, place the flooring material into the still wet adhesive. Take care to avoid air pockets and carefully rub the flooring down to ensure good wetting of the underside. The material to be installed must be free of tension and lie flat on the surface. If necessary, flatten it with weights. Avoid excessive stress at the seams. After installation, always vigorously roll or rub the flooring down again once more. Wait at least 24 hours after installation 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, priming coats 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 that may have formed on the adhesive (e.g. due to improper storage). Do not stir in.
- Immediately remove fresh product stains with a damp cloth. Clean the tools with water and soap immediately after use.
- Tightly close the opened bucket and use up the content as quickly as possible.
- Flash-off time and open time depend on temperature, relative humidity and absorbency of the substrate. They tend to be shorter with increasing temperatures and decreasing humidity, but longer with opposite climatic conditions and less absorbent substrates.

TECHNICAL INFORMATION

Make sure to observe the following standards and information sheets:

- "Assessment and preparation of substrates" issued by Bundesverband Estrich und Belag e.V. (BEB), www.beb-online.de

- Technical Briefing Notes (TKBs) issued by Technische Kommission Bauklebstoffe (www.klebstoffe.com, see "Publications")
- Flooring manufacturers' installation instructions
- Generally recognized rules of the trade for flooring works as well as the applicable national standards and regulations

SERVICE FOR ARCHITECTS AND DESIGNERS

Please contact our sales force if you need advice or building project support. Further documents can be downloaded from the internet at www.thomsit.com.

PRODUCT SAFETY

Treated article according to Biocidal Products Regulation EU 528/2012:

Formulated with a biocide (in-can preservative), contains a mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1), bronopol. May cause allergic reactions. Safety Data Sheet available on request. Keep out of the reach of children. Ensure adequate ventilation during the application and drying process. Eating, drinking and smoking should be avoided while working with the product. In case of contact with the eyes or skin, rinse immediately with plenty of water.

Information for allergy sufferers on +49 821 59 01-380.

For further information please refer to the Safety Data Sheet which is available at www.thomsit.com.

Ingredients: acrylate copolymer dispersion, modified natural resin, inorganic fillers, poly(1,2-propandiol), wetting agent, thickener, antifoaming agent, preservatives (isothiazolinone, BNPD)

GISCODE D 1	Solvent-free according to TRGS 610
EMICODE EC 1 ^{PLUS}	Very low-emission
DE-UZ 113 Blue Angel	Environmentally friendly due to very low emissions

DISPOSAL

Further information on disposal can be found on our homepage at <http://www.thomsit.de/services-seminare/entsorgungshinweise>. Do not allow the product to enter sewer systems, surface waters or the soil. Only return the completely emptied buckets for recycling. Dried material residues can be disposed of as household waste. Non-hardened product residues must be taken to a collection point for hazardous waste.

PCI Augsburg GmbH

Piccardstraße 11, 86159 Augsburg,

Tel.: +49 821 5901 0

thomsit-info@pci-group.eu

www.thomsit.com

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.