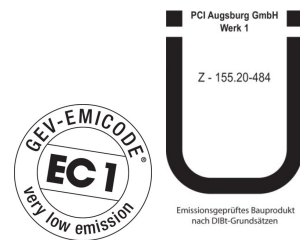


## Special Adhesive Extra

# K 188 E

For bonding PVC, CV, PVC-free and rubber flooring



## FEATURES AND BENEFITS

- Reliable bonding also of difficult flooring materials
- Very long working time
- Suitable for wet, pressure-sensitive and contact bonding
- Universal use for resilient types of flooring
- Economical consumption

## FIELDS OF APPLICATION

Very low-emission, high-grade and very high-strength dispersion adhesive for bonding

- PVC sheets and tiles (homogeneous and heterogeneous)
- CV flooring
- quartz vinyl tiles
- PVC-free flooring (e.g. Tarkett IQ one, Upofloor ZERO)
- polyurethane flooring (e.g. wineo PURLINE)
- rubber sheets and tiles up to 2.5 mm thickness with a smooth, sanded underside
- textile flooring with a latex, PVC or PUR foam backing
- THOMSIT damping underlays

on absorbent substrates ready for flooring installation. Can be used as a pressure-sensitive adhesive for installing PVC and CV flooring on impervious, non-absorbent substrates (e.g. old PVC flooring). As a contact adhesive suitable for bonding floor coverings on stairs (e.g. molded rubber steps) or on walls (e.g. protective wall panels).

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

## TECHNICAL DATA

Color / consistency	creamy white paste
Pack size	PP bucket, 13 kg / 20 kg

**THOMSIT**  
make it!

A brand of PCI – Für Bau-Profis



Shipping unit	33 x 13 kg buckets per pallet or 24 x 20 kg buckets per pallet
Flash-off time:	
- Wet bonding	approx. 15 minutes
- Pressure-sensitive / contact bonding	approx. 45 minutes
Open time:	
- Wet bonding	approx. 40 minutes for PVC
- Pressure-sensitive / contact bonding	approx. 120 minutes for PVC
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
Roller	approx. 200 g/m <sup>2</sup>	approx. 65 m <sup>2</sup> / approx. 100 m <sup>2</sup>
Notch size A1	approx. 250 g/m <sup>2</sup>	approx. 52 m <sup>2</sup> / approx. 80 m <sup>2</sup>
Notch size A2	approx. 280 g/m <sup>2</sup>	approx. 46 m <sup>2</sup> / approx. 71 m <sup>2</sup>
Notch size A3	approx. 300 g/m <sup>2</sup>	approx. 43 m <sup>2</sup> / approx. 67 m <sup>2</sup>
Notch size A4	approx. 220 g/m <sup>2</sup>	approx. 59 m <sup>2</sup> / approx. 91 m <sup>2</sup>
Notch size A5	approx. 150 g/m <sup>2</sup>	approx. 86 m <sup>2</sup> / approx. 133 m <sup>2</sup>

## 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. Thoroughly clean firmly adhering old PVC/CV flooring. On CV flooring apply an additional smoothing layer of THOMSIT FF 69 FlexFinish. 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. When installing CV or textile flooring in living areas, a coarse foam roller can be used alternatively.

### Wet bonding (on absorbent substrates)

After a short flash-off time of approx. 10–20 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 the material with weights. Avoid excessive stress at the seams.

#### **Pressure-sensitive bonding (only for CV and PVC flooring on impervious substrates)**

Apply THOMSIT K 188 E evenly with a fine-toothed trowel (notch size A1) and allow the adhesive to flash off until it has taken on a uniform yellowish-transparent color (approx. 30–60 minutes). Then test the surface with a finger or palm (firmly press down) to make sure no adhesive adheres to the finger or palm.

#### **Contact bonding**

Apply the adhesive to the underside of the flooring using either a roller or a fine-notched trowel size A4. Then use an A5 notched trowel to apply the adhesive to the substrate. Alternatively, apply the adhesive to the substrate with an A2 notched trowel, then immediately place the flooring into the adhesive, rub it down and fold it back again to ensure that substrate and flooring underside are evenly wetted with adhesive. Now allow the adhesive to flash off until it has taken on a uniform yellowish-transparent color (approx. 30–60 minutes). Then test the surface with a finger or palm (firmly press down) to make sure no adhesive adheres to the finger or palm. When placing the flooring into the adhesive bed, take care to avoid air pockets and carefully rub/roll it down. This method is particularly recommended for bonding rubber and PVC-free materials on impervious substrates.

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:

- DIN 18365 "Flooring Works"
- Technical Briefing Notes (TKBs) issued by Technische Kommission Bauklebstoffe ([www.klebstoffe.com](http://www.klebstoffe.com), see "Publications")
- "Assessment and preparation of substrates" issued by Bundesverband Estrich und Belag e.V. (BEB), [beb-online.de](http://beb-online.de)
- Flooring manufacturers' installation instructions
- Generally recognized rules of the trade 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](http://www.thomsit.com).

## PRODUCT SAFETY

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

Formulated with a biocide (in-can preservative), 1,2-benzisothiazol-3(2H)-one, 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](http://www.thomsit.com).

**Ingredients:** acrylate copolymer dispersion, modified natural resin, inorganic fillers, poly(1,2-propandiol), wetting agent, thickener, antifoaming agent, preservative (benzisothiazolinone)

GISCODE D 1

Solvent-free according to TRGS 610

EMICODE EC 1

Very low-emission

## 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.

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[www.thomsit.com](http://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.