



## P 618 Dispersion Wood Flooring Adhesive

For bonding solid and engineered wood flooring as well as woodblock



- Environmentally compatible product
- Solventfree and not subject to labeling
- No negative effect on indoor air quality
- Low water content and easily spreadable

### Fields of application

Very low-emission dispersion adhesive according to EN 14293 for bonding standardized:

- mosaic, 22 mm solid strip and upright lamellae parquet
- 10 mm solid oak wood flooring (up to 250 x 50 mm)
- 2 ply engineered wood flooring (up to a length of 1200 mm)
- woodblock RE

Suitable for use on:

- screeds
- chipboards V100
- all Thomsit levelling compounds that are suitable for use underneath wood flooring
- Thomsit TF 302 Shear-Elastic Underlay.

### Technical data

Supplied as	beige paste
Packaging	plastic bucket, 15 kg
Shipping unit	33 buckets per pallet
Open time	none
Working time	approx. 20 minutes
Load bearing	after approx. 24 hours
engineered wood flooring	after approx. 48 hours
Sanding work/surface treatment	after 3 days at the earliest
10 mm solid wood flooring	after 10 days
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

Smooth backingsmosaic and upright lamellae parquet

notch size B 3 approx. 800 g/m<sup>2</sup> coverage/bucket: 19 m<sup>2</sup>

10 mm solid wood flooring, solid strip, engineered wood flooring, wood block

notch size B 11 approx. 1000 g/m<sup>2</sup> coverage/bucket: 15 m<sup>2</sup>

## Preparation of substrate

Substrates must comply with the requirements of ATV DIN 18 356 "Wood flooring work", BS CP 8201 & 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. Before direct bonding to cement screeds prime with Thomsit R 766 or diluted adhesive (2 parts adhesive + 1 part water) and allow to dry for a minimum of 6 hours. Always grind calcium sulfate screeds, vacuum clean, prime and level. Do not attempt to level out unevenness with the adhesive, but use the recommended Thomsit levelling compounds. Seek professional advice before installing parquet on stonewood or magnesia screeds.

## Application procedure

Stir the adhesive well and apply it evenly to the substrate with a suitable notched trowel. Only apply as much adhesive as can be laid with wood flooring within the working time. Ensure the backing of the wood flooring is well wetted. Avoid gluing the edges. Allow a minimum gap of 10 mm from walls. Remove the spacer wedges from the perimeter joints immediately after installation. Avoid walking on the parquet surface both during and for at least 24 hours after installation.

## 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 leveling compounds.
- Carry out floor installation work at floor temperatures above 15 °C, air temperature above 18 °C and the relative humidity below 75%.
- 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 non-absorbent substrates.

- Remove any skin that may have formed on the product (e.g. caused by improper storage), do not stir it 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.

## Product safety

Thomsit P 618 is solventfree and a suitable alternative to solvent-containing 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. 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:** Vinylacetate-copolymer-dispersion, inorganic fillers, bonding enhancers, 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 the trade for the installation of wood flooring as well as the applicable national standards.



# Thomsit

## 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 10

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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.

### PCI Augsburg GmbH

Piccardstraße 11, 86159 Augsburg,  
Tel.: +49 821 5901 0

### PCI Bauprodukte AG

CH-8055 Zürich,  
Tel.: +41 58 958 21 21

thomsit-info@basf.com  
www.thomsit.com

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