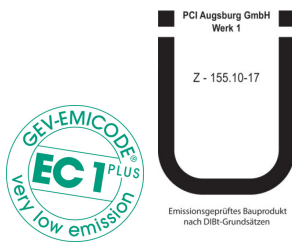


## Dispersion Wood Flooring Adhesive

# P 618

For bonding solid and engineered wood flooring as well as woodblock



THOMSIT P 618 meets the highest requirements for occupational safety, indoor air quality and environmental compatibility.

## FEATURES AND BENEFITS

- Suitable for many types of parquet and wood species
- Shear-resistant adhesive featuring very safe application
- High initial strength - quickly reached
- Low water content, easily spreadable

## FIELDS OF APPLICATION

Very low-emission, shear-resistant dispersion adhesive according to DIN EN ISO 17178 for bonding:

- mosaic, 22 mm solid strip and on-edge lamella parquet
- 10 mm solid oak parquet (up to 250 x 50 mm size)
- 2-ply engineered wood flooring (up to 1200 mm length)
- light- and heavy-duty woodblock (according to DIN 68702)
- THOMSIT TF 302 Shear-Elastic Underlay.

THOMSIT P 618 is suitable for use on:

- cement screeds
- new, sanded mastic asphalt screeds for the bonding of woodblock (light- and heavy-duty) acc. to DIN 68702, 22 mm solid strip and on-edge lamella parquet made of wood species insensitive to swelling
- chipboards (P4 to P7) and OSB boards (OSB/2 to OSB/4)
- THOMSIT TF 302 Shear-Elastic Underlay
- all THOMSIT levelling compounds suitable for use under parquet.

For finished hardwood parquet and large parquet elements use e.g. THOMSIT P 625 or P 680 ELAST STRONG.

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## TECHNICAL DATA

Color / consistency	beige paste
Pack size	PP bucket, 15 kg
Shipping unit	33 buckets per pallet
Flash-off time	none
Open time	approx. 20 minutes
Load bearing	after approx. 24 hours
with 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

	Consumption	Coverage / bucket
Mosaic and upright lamellae parquet		
notch size B 3	approx. 800 g/m <sup>2</sup>	approx. 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>	approx. 15 m <sup>2</sup>

## PREPARATION OF SUBSTRATE

Substrates must comply with the requirements of ATV DIN 18 356 "Wood flooring work" or comparable national standards. In particular, they must be clean, free from structural defects, firm, dry and free of substances which may impair adhesion. Remove dust and separating layers from new substrates by thorough sanding and vacuuming. 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%.
- 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.
- 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.

## PRODUCT SAFETY

### Treated goods in accordance with regulation (EU) No 528/2012:

Contains biocide (in-can preservative), 1,2-Benzisothiazol-3(2H)-one, mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1), Bronopol. May cause an allergic reaction. Safety data sheet available on request. Keep out of reach of children. 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.

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

solvent-free according to TRGS 610

EMICODE EC 1<sup>PLUS</sup>

very low emissions

## 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](http://www.beb-online.de)
- Technical Briefing Notes issued by Technische Kommission Bauklebstoffe ([www.klebstoffe.com](http://www.klebstoffe.com), see "Publications")
- Installation instructions of the wood flooring manufacturers
- Generally recognized rules of the trade for the installation of wood flooring as well as the applicable national standards.

## 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).

## 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.