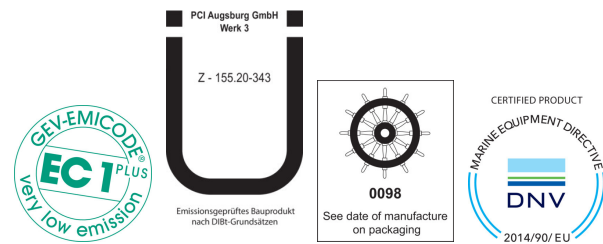


## 2C PUR Adhesive

# P 625

For bonding solid and engineered wood flooring,  
woodblock and laminate floors



**THOMSIT**  
make it!

A brand of PCI – Für Bau-Profis



## FEATURES AND BENEFITS

- Suitable for all types of parquet and wood species
- Water free and solvent free
- Hardens regardless of layer thickness

## FIELDS OF APPLICATION

Very low-emission, two-component polyurethane adhesive in accordance with EN 14293 for bonding:

- all types of parquet
- light- and heavy-duty woodblock
- laminate flooring
- THOMSIT damping underlays suitable for use under parquet
- PVC design flooring

THOMSIT P 625 is suitable for use on:

- screeds
- dry screeds, chipboards (P4 to P7) and OSB boards (OSB/2 to OSB/4)
- all THOMSIT levelling compounds suitable for use under parquet
- ceramic tiles, natural stone and terrazzo
- THOMSIT TF 302 Shear-Elastic Underlay
- THOMSIT TF 303 and 305 (only parquet with tongue-and-groove joints).

THOMSIT P 625 meets the highest requirements for occupational safety, room air quality and environmental compatibility. THOMSIT P 625 is approved as ship's equipment according to the EU Marine Equipment Directive (MED), issued and monitored by the certification body DNV GL, modules B and D.

## TECHNICAL DATA

	Component A	Component B
Supplied as	off-white paste	brown liquid
Packaging	plastic bucket, 8 kg	
Shipping unit	52 buckets per pallet	
Mixing ratio A : B	7 : 1 parts by weight	
Pot Life	approx. 40 minutes	
Open time	none	
Working time	approx. 60 minutes	
Load bearing	after 24 hours	
Sanding work/surface treatment	after 24 hours at the earliest	
Temperature resistance		
after curing	up to +50 °C, can be used on underfloor heating constructions	
for transport	-20 °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
PVC design flooring		
notch size A 2	approx. 400 g/m <sup>2</sup>	approx. 20 m <sup>2</sup>
THOMSIT TF 302, TF 303/305		
notch size B 2	approx. 800 g/m <sup>2</sup>	approx. 10 m <sup>2</sup>
mosaic parquet and upright lamella		
notch size B 3	approx. 950 g/m <sup>2</sup>	approx. 8 m <sup>2</sup>
parquet, 10 mm solid wood flooring, solid strip, engineered wood, flooring, wood block		
notch size B 11	approx. 1150 g/m <sup>2</sup>	approx. 7 m <sup>2</sup>
laminare, larger formats, (e.g. solid plank)		
notch size B 15	approx. 1600 g/m <sup>2</sup>	approx. 5 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. Thoroughly grind and vacuum off new substrates in order to free them from dust and adhesion-inhibiting layers. Before direct bonding, prime the surface with THOMSIT R 766 and allow the priming coat to dry completely. Carefully vacuum off new mastic asphalt screeds to remove excess amounts of quartz sand.

Impervious, smooth surfaces like ceramic tiles or terrazzo floors must be cleaned with an intensive cleaner; if necessary, roughen and vacuum them and bond the flooring on top without primer. Level off any surface unevenness either with THOMSIT P 625 (only if suitable for wood flooring) or with suitable THOMSIT levelling compounds.

## APPLICATION PROCEDURE

The adhesive consists of two components (resin and hardener) supplied in separate compartments of the bucket. Use a sharp pointed tool to punch several holes through the plastic plug and the bottom of the top container, which acts as the bucket lid. Lift the top container slightly to allow the hardener to drain completely into the bucket below. Carefully mix the resin and hardener using an electric drill and stirrer attachment for at least 2 minutes, until the mixture is homogenous. Apply adhesive evenly to the substrate using 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 wood flooring 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 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 spots of fresh adhesive immediately with alcohol (spirit). Immediately after use clean the tools with industrial spirit (alcohol). Cured product residues can only be removed by mechanical means.
- Do not scrap out the bucket.
- Potlife and curing time may vary depending on the temperature. They will be shorter at higher temperatures but longer at lower temperatures.

## PRODUCT SAFETY

**For commercial/industrial use only**

### Hardener component B

Contains: Diphenylmethane diisocyanate (MDI), isomers and homologues

Causes serious eye irritation. Causes skin irritation. Harmful if inhaled. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction. Can cause damage to organs through prolonged or repeated exposure. May cause respiratory irritation. Suspected of causing cancer.

Do not inhale vapour or mist. Wear protective gloves/clothing and eye/face protection. Use only outdoors or in a well-ventilated area. In case of insufficient ventilation wear respiratory protection. Do not wear contaminated work clothing outside of the workplace. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. If possible, remove contact lenses. Continue rinsing. If inhaled: Remove person to fresh air and keep breathing unhindered. If exposed or

concerned: Get medical advice/attention. Wash thoroughly after use with plenty of soap and water. Take off contaminated clothing and wash before reuse. Store in a well-ventilated place. Keep container tightly closed. Store under lock and key. Dispose of contents/container to hazardous waste disposal. Further information can be found in the safety data sheet at [www.thomsit.com](http://www.thomsit.com).

The following information sheet from the trade association for the construction industry, Bau-BG must be observed: Leaflet: BGI 524 Hazardous Substances in Polyurethane Production and Processing/Isocyanates (M 044). This leaflet can be obtained, for example, from Carl Heymanns Verlag KG, Luxemburger Straße 449, 50939 Cologne, or from Wiley-VCH Verlag GmbH, Pappelallee 3, 69469 Weinheim, as well as from the responsible professional associations.

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GISCODE RU 1	solvent-free, according to TRGS 610
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EMICODE EC 1 <sup>PLUS</sup> R	very low-emission
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## TECHNICAL INFORMATION

Please also follow the instructions in the following information sheets:

- "Assessment and preparation of substrates" of the Bundesverband Estrich und Belag e.V. (BEB), Troisdorf ([www.beb-online.de](http://www.beb-online.de))
- Briefing notes of the Technische Kommission Bauklebstoffe ([www.klebstoffe.com](http://www.klebstoffe.com), see under "Publications")
- Installation as well as cleaning and care instructions of the 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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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.