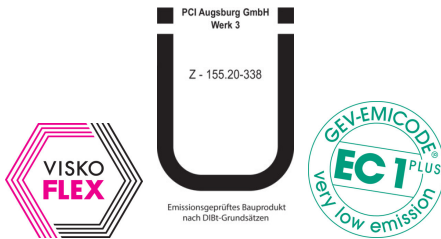


ELAST

P 670

Elastic adhesive for bonding multi-layer parquet



FEATURES AND BENEFITS

- Equipped with VISCO-FLEX technology:
 - excellent spreadability
 - very good ridge formation
- Highly elastic bond relieves stresses
- No priming coat required on most substrates
- Easy removal of adhesive residues

FIELDS OF APPLICATION

Very low-emission, one-component special adhesive for bonding:

- multi-ply parquet
- THOMSIT damping underlays suitable for use under parquet.

THOMSIT P 670 ELAST can be used on:

- mineral screeds
- dry screeds, chipboards (P4 to P7) and OSB boards (OSB/2 to OSB/4)
- ceramic tiles, natural stone and terrazzo
- THOMSIT levelling compounds XXL POWER, XXL XPRESS, DX, OS, AS 1 RAPID, AS 2
- THOMSIT damping underlays suitable for use under parquet.

The elastic bond dissipates shear forces and thus sustainably reduces the influence of tensile stresses on the substrate. THOMSIT P 670 ELAST is a user-friendly alternative to conventional PUR adhesives.

Use THOMSIT P 680 ELAST STRONG or THOMSIT 690 STRONG for bonding solid wood parquet, exotic woods and woodblock flooring.

THOMSIT P 670 ELAST meets the highest demands for occupational safety, indoor air quality and environmental compatibility.

TECHNICAL DATA

Color / consistency	beige paste
Pack size	PP bucket, 18 kg
Shipping unit	24 buckets per pallet
Flash-off time	none
Open time	approx. 30 minutes
Load resistant	after approx. 24 hours
- on non-absorbent substrates	after approx. 48 hours
Sanding / surface treatment	after 24 hours at the earliest
- on non-absorbent substrates	after 48 hours
Temperature resistance	
- after curing	up to max. +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	at least 12 months in cool dry condition

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
Prefinished/multi-layered parquet up to 1200 mm length		
notch size B 11	approx. 1000 - 1200 g/m ²	approx. 18 m ²
Larger formats, e.g. prefinished floorboards		
notch size B 15	approx. 1200 - 1400 g/m ²	approx. 13 m ²
THOMSIT underlays suitable for use under parquet		
notch size B 2	approx. 750 - 900 g/m ²	approx. 21 m ²



notch size B2



notch size B11



notch size B15

PREPARATION OF SUBSTRATE

Substrates must meet the requirements of the applicable standards and regulations. In particular, they must be clean, sound, dry and free of cracks and substances that may impair adhesion. New substrates must be thoroughly sanded and vacuumed to free them of dust and adhesion-inhibiting layers. Smooth, non-absorbent substrates, e.g. ceramic tiles or terrazzo floors must be cleaned and, if necessary, sanded and afterwards vacuumed off. The parquet is bonded on the properly prepared substrate without a priming coat. However, old substrates and mastic asphalt screeds must always be primed with THOMSIT R 755 or THOMSIT R 740 after the necessary mechanical preparation. On new cement and calcium sulfate screeds, primer THOMSIT R 745 can be used to bind dust. Uneven and old substrates must be primed and then levelled with the recommended THOMSIT levelling compound (layer thickness at least 2 mm).

APPLICATION PROCEDURE

Apply the adhesive evenly to the substrate using a suitable notched trowel. Only apply as much adhesive as can be covered with parquet within the open time. Ensure good adhesive transfer to the underside of the parquet. Avoid gluing the edges. Observe a minimum wall distance of 10 mm. Immediately after installing the parquet, remove the spacer wedges from the edge joints. Avoid walking on the freshly installed parquet – during the installation and for the first 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 %.
- Especially multilayer parquet with MDF/HDF middle layer have a higher tendency to "buckle" with seasonal fluctuations in humidity (e.g. change from summer to winter). Elastic adhesives cannot completely prevent such effects. In these cases, we recommend using THOMSIT P 690 STRONG or THOMSIT P 625 for shear-resistant bonding.
- Especially with large formats, it may be necessary to apply a levelling compound in order to produce a more even substrate.
- Remove any skin that may have formed on the adhesive (e.g. caused by improper storage). Do not stir it in.
- Prevent the adhesive from penetrating into the parquet joints since interaction with a subsequently applied sealing finish cannot be ruled out.
- Remove adhesive contamination completely when fresh with THOMSIT TRT 10 cleaning cloths or with commercially available methylated spirit. Clean tools in the same way immediately after use. Adhesive contamination in the cured state can only be removed mechanically.
- Tightly close the opened buckets after use and use them up as soon as possible.
- Open time and curing time depend on temperature and relative humidity. They will be shorter at higher temperatures and higher humidity, but longer at lower temperatures and lower humidity.

TECHNICAL INFORMATION

Make sure to observe the following standards and information sheets:

- DIN 18356 "Laying of parquet flooring and wood block flooring"
- Technical briefing notes issued by Technische Kommission Bauklebstoffe (klebstoffe.com, see "Publications"), in particular TKB-1 "Installation of parquet" and TKB-8 "Assessment and preparation of substrates"
- Information sheets issued by Bundesverband Estrich und Belag e.V. (BEB), Troisdorf on the "Assessment and preparation of substrates" (beb-online.de)"
- Installation instructions provided by the parquet manufacturers
- Generally recognized rules for the installation of parquet 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.

PRODUCT SAFETY

Contains trimethoxyvinylsilane, 3-aminopropyltriethoxysilane. May cause allergic reactions.

Keep out of the reach of children. Methanol is released during the curing process. Therefore ensure adequate ventilation during the application and drying process. Wear protective gloves during work. 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. After flooring installation, ventilate the room intensively for several days. Information for allergy sufferers under +49 821/59 01-0.

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

GISCODE RS 10	silane-modified polymers, contains methoxy silane
EMICODE EC 1 ^{PLUS}	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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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.