THOMSIT make it!

A brand of PCI – Für Bau-Profis

STRONG

P 690

Shear-resistant adhesive for bonding parquet

VISKO FLEX

GEV-EMICODE EC 1 PLUS very low emission

PCI Augsburg GmbH Werk 3
Z - 155.10-618
Emissionsgeprüftes Bauprodukt nach DIBt-Grundsätzen

BLUE ANGEL THE GERMAN ECOLABEL
www.blauer-engel.de/uz113

FEATURES AND BENEFITS

- Suitable for all types of wood flooring
- With VISCO-FLEX technology:
  - excellent spreadability
  - very good ridge formation
- Extra high early strength, ready for foot traffic after only 12 hours
- Shear-resistant formulation to ensure a high-quality, long-lasting bond
- Without plasticizing agents:
  - no interaction with all parquet varnishes
  - can be used without a primer on mastic asphalt
- No priming coat required with most substrates.

FIELDS OF APPLICATION

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

- all types of parquet
- light- and heavy-duty woodblock flooring (RE/WE)
- THOMSIT damping underlays suitable for use under parquet.

THOMSIT P 690 STRONG can be used on:

- screeds
- dry screed structures, chipboards (P4 to P7) and OSB boards (OSB/2 to OSB/4)
- natural stone, tiles and terrazzo
- THOMSIT levelling compounds suitable for use under parquet
- THOMSIT TF 302 shear-elastic underlay
- THOMSIT TF 303 / 305 damping underlays, only tongue-and-groove type wood flooring

THOMSIT P 690 STRONG is a user-friendly alternative to conventional PUR adhesives. The adhesive meets the highest demands for occupational safety, indoor air quality and environmental compatibility.

TECHNICAL DATA

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. 12 hours
- on non-absorbent substrates	after approx. 24 hours
Sanding / surface treatment	after 12 hours at the earliest
- on non-absorbent substrates	after 24 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 and drying may be accelerated or delayed.

CONSUMPTION

	Consumption	Coverage/bucket
Mosaic, on-edge lamella parquet and lamparquet:		
notch size B 3	approx. 800 g/m²	approx. 22.5 m²
Strip parquet, prefinished/multi-layer parquet up to 1200 mm length, woodblock flooring RE/WE:		
notch size B 11	approx. 1000 g/m²	approx. 18 m²
Larger formats, e.g. solid wood planks and prefinished floorboards:		
notch size B 15	approx. 1150 g/m²	approx. 16 m²
Damping underlays THOMSIT TF 302, TF 303 / 305:		
notch size B2	approx. 700 g/m²	approx. 26 m²

Notch size B2

Notch size B11

Notch size B3

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. New mastic asphalt screeds must be carefully vacuumed to remove excess quartz sand. 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. After priming, they must be covered with flooring within 24 – 48 hours, depending on the primer. 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 with large formats, it may be necessary to apply a levelling compound in order to produce a more even substrate.
- Shear-resistant bonding requires a substrate of sufficient surface strength. If necessary, install a decoupling underlay, e.g. THOMSIT TF 302 Shear-Elastic Underlay.
- Remove any skin that may have formed on the adhesive (e.g. caused by improper storage). Do not stir it in.
- 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"
- BS 8201 "Code of practice for installation of flooring of wood and wood-based panels"
- 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"
- 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. More information is available on 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 permanent ventilation during application. 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.

Ingredients: inorganic fillers, silane-terminated polymers, drying agent, adhesion promoter, stabilizers, iron oxide pigments.

GISCODE RS 10	silane-modified polymers, contains methoxy silane
EMICODE EC 1^{PLUS}	very low-emission
DE-UZ 113	Blue Angel, environmentally friendly due to very low emissions

DISPOSAL

Do not allow the product to enter drains, the aquatic environment or the soil. Only return the completely emptied packaging for recycling. Hardened product residues can be disposed of as household waste. Non-hardened product residues must be taken to a collection point for hazardous waste. Further information on disposal can be found in the Safety Data Sheet.

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