

LVT/Textile Flooring Adhesive

OK 820

for elastic and textile floorings



FEATURES AND BENEFITS

- Fast and economical application in commercial and public buildings
- Short flash-off time, user-friendly working time
- Good initial tack

FIELDS OF APPLICATION

Very low-emission, high-strength dispersion adhesive for bonding

- tufted carpeting with secondary backing, latex foam or fleece backing
- needle punch carpeting
- CV, PVC and vinyl flooring (LVTs)
- THOMSIT damping underlays

TECHNICAL DATA

Color and consistency	Pasty, off-white color
Package size	Polypropylene pail, 14 kg
Shipping unit	33 pails per pallet
Evaporation time	5-10 minutes depending on covering
Open time	approx. 20 minutes
Can bear weight after	approx. 24 hours
Service	Suitable for use with castors in accordance with DIN EN 12529
Resistance to cleaning	Wet shampooing and spray extraction cleaning possible, if flooring is suitable; otherwise only dry cleaning
Temperature resistance	

– Following setting	Up to +50°C maximum, can be used on floors with underfloor heating
– For transport	+5°C to + 50 °C, protect from frost
– For storage	+10°C to +30°C
Shelf life	at least 9 months, store in a cool, dry place

These times apply to normal climatic conditions (23°C and 50% relative humidity). At other climatic conditions, the setting and drying times may be shorter or longer.

CONSUMPTION

	Consumption	Range per pail
Notch spacing A 1	Approx. 260 g/m ²	Approx. 54 m ²
Notch spacing A 2	Approx. 310 g/m ²	Approx. 45 m ²
Notch spacing B 1	Approx. 410 g/m ²	Approx. 34 m ²
Notch spacing B 2	Approx. 490 g/m ²	Approx. 28 m ²

PREPARATION OF SUBSTRATE

The substrate must be in accordance with the requirements of the applicable standards and regulations. In particular, they must be clean, firm, dry and free from cracks and substances that could impair adhesion. The substrate must be thoroughly sanded and vacuumed before applying suitable THOMSIT primers and leveling compounds to prepare for covering.

APPLICATION PROCEDURE

Stir adhesive and evenly apply onto the substrate using toothing B 1 / B 2 for textile coverings and A 1 / A 2 for PVC-/CV-/LVT-coverings. Lay the covering onto the freshly applied adhesive bed after adequate airing time and rub down the seams, ends and any depressions. Coverings to be adhered must be stress-free and must be laid flat, if necessary, counter-roll the head ends and non-planar covering material edges, otherwise load them. Prevent seam build up. Joint sealing and / or welding after 24 hours at the earliest after laying the covering.

PLEASE NOTE

- Avoid direct exposure to sunlight during laying and in the first 72 hours after laying.
- In order to reach the best possible air quality after floor laying work, flooring should be laid under conditions in accordance with the applicable standard on substrates, primer and levelling compounds which have thoroughly dried.
- 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 any skin which may have formed on the adhesive (e.g. due to incorrect storage) and do not stir it into the adhesive.
- Remove fresh spots of adhesive immediately using water. Clean tools with water and soap immediately after use.
- Close opened product containers tightly and use up the product as soon as possible.
- Open and working times may vary depending on temperature, relative humidity and the absorbency of the substrate. They will be shorter at higher temperatures and lower relative humidity and longer at lower temperatures, higher relative humidity and with less absorbent substrates.

TECHNICAL INFORMATION

Make sure to observe the following standards and information sheets:

- DIN 18365 "Flooring Works"
- Technical Briefing Notes (TKBs) issued by Technische Kommission Bauklebstoffe (www.klebstoffe.com, see "Publications") – in particular:
 - TKB-13 "Bonding of textile floor coverings"
 - TKB-8 "Assessment and preparation of substrates for the installation of floor coverings and parquet"
 - TKB-7 "Installation of PVC Flooring"
- "Assessment and preparation of substrates" issued by Bundesverband Estrich und Belag e.V. (BEB), beb-online.de
- Flooring manufacturers' installation instructions
- Generally recognized rules of the trade as well as the applicable national standards and regulations

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

Treated product 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-2hisothiazol-3-one (3:1), Bronopol.

May cause allergic reactions. Safety data sheet available upon request. Keep out of reach of children. Ensure adequate ventilation during processing and drying. Do not eat, drink or smoke when using this product. In case of contact with eyes or skin, rinse immediately with plenty of water. Information for allergy sufferers is available on +49 821 5901-0.

GISCODE D 1	solvent-free to TRGS 610
EMICODE EC 1 ^{PLUS}	very low emissions
DE-UZ 113	(Blue Angel) environmentally friendly because of very low emissions

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.