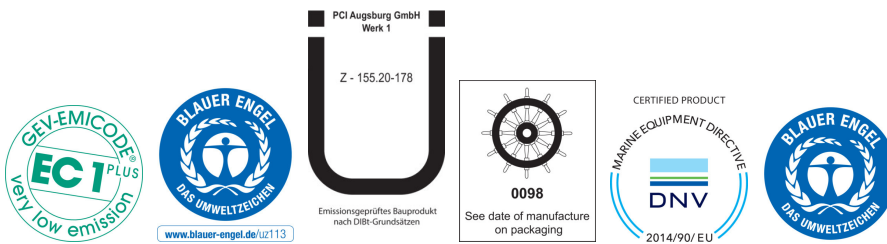


Multi-Use Flooring Adhesive

UK 840

Dispersion adhesive with a wide application range for indoor floors



www.blauer-engel.de/uz113

FEATURES AND BENEFITS

- Economical "one-for-all" solution
- Multi-purpose use for nearly all floor coverings
- High initial tack
- Good spreadability

FIELDS OF APPLICATION

Very low-emission, multi-purpose dispersion adhesive for bonding:

- textile flooring (tufted carpeting, needle punch, woven carpeting)
- PVC sheets and tiles (homogeneous and heterogeneous) and CV flooring
- vinyl flooring (LVTs)
- rubber sheets and tiles up to 2.5 mm thickness with a smooth, sanded underside
- linoleum sheets and tiles up to 3.2 mm thickness
- quartz vinyl tiles
- coir / sisal flooring with a latex backing
- composite flooring with a textile backing
- THOMSIT damping underlays

on absorbent substrates ready for flooring installation. Suitable for underfloor heating, for use with castors according to DIN EN 12 529 and for wet shampoo and spray extraction cleaning.

THOMSIT UK 840 meets the highest demands for occupational safety, indoor air quality and environmental compatibility. THOMSIT UK 840 has been approved and certified as a marine equipment item according to the EU Marine Equipment Directive (MED) 96/98/EC.

TECHNICAL DATA

Color / consistency	creamy white paste
Pack size	14 kg PP bucket
Shipping unit	33 buckets per pallet
Flash-off time	5-20 minutes depending on the type of flooring
Open time	approx. 20 minutes
Load-/stress-resistant	after approx. 24 hours
Resistance to castor chairs	Resistant to castors that comply with DIN EN 12529
Cleaning resistance	Wet-shampooing and spray extraction cleaning possible with suitable flooring; otherwise use dry cleaning
Temperature resistance after curing	Up to max. +50 °C, can be used on heated floor structures
Temperature range for transport	+5°C to + 50 °C, protect from frost
Temperature range for storage	+10°C to +30°C
Shelf life	at least 12 months if stored in a cool and dry place

The above times were measured under standard climatic conditions (+23 °C and 50 % rel. humidity). Please note that under other climatic conditions curing and drying may be accelerated or delayed.

CONSUMPTION

	Consumption	Coverage / bucket
Notch size A 1	Approx. 250 g/m ²	Approx. 56 m ²
Notch size A 2	Approx. 300 g/m ²	Approx. 47 m ²
Notch size A 3	Approx. 330 g/m ²	Approx. 42 m ²
Notch size B 1	Approx. 380 g/m ²	Approx. 37 m ²
Notch size B 2	Approx. 480 g/m ²	Approx. 29 m ²

SUITABLE SUBSTRATES

- Absorbent mineral substrates
- mineral THOMSIT levelling compounds
- THOMSIT damping underlays

PREPARATION OF SUBSTRATE

The substrates must comply with the applicable standards and regulations. In particular, they must be clean, firm, dry and free of cracks or substances which may impair adhesion. After expert mechanical pretreatment (e.g. sanding / vacuuming), prepare the substrate with a suitable THOMSIT primer and levelling compound so that it is ready to receive flooring. On mastic asphalt screeds and non-absorbent mineral substrates apply a levelling layer of at least 2 mm thickness.

APPLICATION PROCEDURE

- Apply a uniform coat of adhesive on the substrate using a trowel with the right notch size.
- **Textile flooring:** Depending on the texture of the backing, apply the adhesive with a trowel of notch size B1 or B2. After 10-15 minutes flash-off time, place the flooring into the still wet adhesive. Take care to avoid air pockets and carefully rub the flooring down. With materials under high tension, make sure to rub the seams and ends down again after some time.
- **Rubber and PVC flooring:** Apply the adhesive with a trowel of notch size A2 or A3. Only apply as much adhesive as can be covered with flooring while the adhesive is still wet to ensure complete wetting of the underside. After a short flash-off time (approx. 10 minutes or do the finger test), place the flooring into the still wet adhesive. Take care to avoid air pockets and carefully rub the flooring down to ensure good adhesive transfer to the backing. The material must be without tension and lie flat on the surface; otherwise flatten it with weights. Avoid excessive stress at the seams. Protect the flooring from exposure to direct sunlight and, particularly in the curing phase, from increased moisture (e.g. caused by cleaning). After installation, wait at least 24 hours before sealing the joints or welding the seams.
- **Linoleum:** Apply the adhesive with a trowel of notch size B1. After a short flash-off time, push the linoleum into the adhesive bed. Make sure to roll back the ends of the linoleum sheets/tiles in order to relieve stresses in the material. Immediately rub or roll down the linoleum to ensure good adhesive transfer to the backing. Smooth out any air pockets to the sides. If necessary, rub down the seams, ends and bight marks again after another 20 minutes. After installation, wait at least 24 hours before sealing the joints.
- When installing the floor covering, ensure full-surface wetting of the underside.
- Clean the tools with water immediately after use. Immediately remove adhesive stains from the flooring with water or carpet cleaner (in the case of textile flooring).
- **The special installation instructions of the respective flooring manufacturer must be strictly observed.**

PLEASE NOTE

- Avoid direct exposure to solar radiation during installation and for the first 72 hours after installation.
- Best possible indoor air quality after floor installation work requires conformity to the standard working conditions as well as completely dry substrates, priming coats 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 any skin that may have formed on the adhesive (e.g. due to improper storage). Do not stir in.
- Immediately remove fresh adhesive stains with a damp cloth. Clean the tools with water and soap immediately after use.
- After use, tightly close the opened bucket and use the content up as soon as possible.
- Flash-off time and open time depend on temperature, relative humidity and absorbency of the substrate. They tend to be shorter with increasing temperatures and decreasing humidity, but longer with opposite climatic conditions and 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-8 "Assessment and preparation of substrates for the installation of floor coverings and parquet"
 - TKB-7 "Installation of PVC Flooring"
 - TKB-4 "Installation of Linoleum Flooring"
 - TKB-3 "Installation of Elastomer 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 article according to Biocidal Products Regulation EU 528/2012:

Formulated with a biocide (in-can preservative), 1,2 benzisothiazol-3(2H)-one, contains a mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1), bronopol. May cause allergic reactions. Safety Data Sheet available on request. Keep out of the reach of children. Ensure adequate ventilation during the application and drying process. 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. Information for allergy sufferers on +49 821 59 01-380. For further information please refer to the Safety Data Sheet which is available at www.thomsit.com.

Ingredients: acrylate copolymer dispersion, modified natural resin, mineral fillers, additives, preservatives

GISCODE D1	Solvent-free according to TRGS 610
EMICODE EC 1 ^{PLUS}	very low emissions
DE-UZ 113 Blue Angel	Environmentally friendly due to 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.