

UK 800 Universal Flooring Adhesive

For virtually all kinds of flooring and application techniques



- For nearly all kinds of flooring
- High initial tack, ideal also for unwieldy, stiff coverings
- Easy to apply by notched trowel / roller
- High stringiness
- Economical "one-for-all" concept

Fields of application

Thomsit UK 800 is a very low-emission, high-quality and extremely powerful dispersion adhesive for bonding

- tufted carpets with textile, latex foam and PUR backings
- woven textile flooring
- needle punch carpets
- coir/sisal flooring with latex backing
- composite flooring with textile backing
- rubber tile and sheet flooring up to 2.5 mm thickness with a smooth, sanded back
- homogeneous PVC tile and sheet flooring as well as CV flooring
- quartz vinyl tiles
- linoleum tiles and sheets
- Thomsit sound damping underlays on absorbent substrates.

In domestic areas with light-duty conditions, UK 800 can be applied by roller for bonding CV, homogeneous PVC, PVC design flooring as well as many textile coverings.

Not suitable for natural cork or PVC-laminated cork coverings. Thomsit UK 800 has been certified by the "BG-Verkehr

Dienststelle Schiffsicherheit Hamburg" (Employers' Liability Insurance Association for Transport and Traffic, Ship Safety Division, Hamburg/ Germany) to meet the requirements of marine equipment, modules B and D. Certificates and declaration of conformity are available on request or on www.thomsit.com. The approved application quantity is 300 g/m². EC0736/118.203

Technical data

Supplied as	cream paste
Packaging	plastic bucket, 15 kg
Shipping unit	33 buckets per pallet
Open time	approx. 5 - 20 minutes (depends on the covering)
Working time	approx. 30 minutes
Load bearing	after approx. 24 hours
Suitability for castor chairs	acc. to DIN EN 12529
Temperature resistance	
after curing	up to max. +50 °C, can be used on underfloor heating constructions
for transport	+5 °C to +50 °C, protect against frost
for storage	+10 °C to +30 °C
Cleanable	yes-wet shampooing an spray extraction are possible (with suitable floorcoverings, otherwise dry cleaning recommended)
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
Roller	275 g/m ²	approx. 55 m ²
notch size A 1	225 g/m ²	approx. 70 m ²
notch size A 2	275 g/m ²	approx. 55 m ²
notch size A 3	315 g/m ²	approx. 50 m ²
notch size B 1	325 g/m ²	approx. 48 m ²
notch size B 2	475 g/m ²	approx. 32 m ²

Preparation of substrate

The substrates must comply with the requirements of ATV DIN 18 365 "Flooring work", BS CP 5325, 8203 & 8204 or comparable national standards. In particular, they must be clean, free from structural defects, firm, dry and free of substances that may impair adhesion. After appropriate mechanical pretreatment (e. g. grinding and vacuuming), prepare the substrate with suitable Thomsit primers and levelling compounds so that it is ready to receive floor coverings. On mastic asphalt screeds and non-absorbent mineral substrates apply a layer of at least 2 mm thickness.

Application procedure

Stir the adhesive well and apply it evenly to the substrate with a suitable notched trowel/roller.

Rubber and PVC flooring

Apply the adhesive with an A 2 or A 3 notched trowel. Only cover as much area as can be laid with flooring while the adhesive is still wet. After a short open time (approx. 10 minutes or do a 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 wetting of the back. The flooring must be free of tension and lie flat on the substrate surface, otherwise apply weights. Avoid rucking up and excessive stress on the seams. Protect the flooring from exposure to direct sunlight and, particularly in the curing phase, against the increased impact of moisture (e. g. caused by cleaning). Do not seal or weld the seams earlier than 24 hours after installing the flooring.

Linoleum flooring

Apply the adhesive with a B 1 notched trowel. After a short open time, lay linoleum in the adhesive bed, rolling back the heads to dissipate tension in the covering, and immediately rub down or roll. Ensure the backing of the covering is well wetted. Smooth out any air pockets to the sides. If necessary, rub down the seams, ends and bight marks again after another 20 minutes. Allow at least 24 hours before welding the seams.

Textile flooring

Depending on the structure of the backing, apply the adhesive with a B 1 or B 2 notched trowel. After an open time of 10-15 minutes, place the flooring into the still wet adhesive. Take care to avoid air pockets and rub the flooring down well. The heads and joints of coverings with relatively high intrinsic tension should be rubbed down again after some time.

Special applications

Roller application:

Suitable tools for roller application are fur and lambskin rollers (pile length 12 to 22 mm) or coarse foam rollers. Apply a uniform coat of Thomsit UK 800 on the substrate. Make sure to avoid adhesive pooling. After 5 to 10 minutes, place the floor covering into the still fresh adhesive, without entrapping air and without tension. Carefully rub the material down.

Contact bonding:

Rubber, PVC and textile coverings can be installed on nonabsorbent substrates also by using the contact bonding method. In this case, apply Thomsit UK 800 with a notched trowel A1 (for rubber/PVC) or B 1 (for textiles) first on the substrate, then additionally by roller on the back of the covering. Allow the adhesive to dry back completely on both surfaces. After that, join the surfaces with a snug fit and carefully rub the covering down.



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 any skin that may have formed on the adhesive (e. g. due to improper storage). Do not stir in.
- Immediately remove fresh spots of adhesive with a moist cloth.
- Clean tools with water and soap immediately after use.
- Tightly close opened buckets and use them up as soon as possible.

Product safety

Thomsit UK 800 is solvent-free and therefore a suitable alternative to solvent-containing products. The risk of medium- or long-term release of appreciable concentrations of volatile organic substances (VOC) into the ambient air is negligible. Nevertheless, ensure good ventilation during and after application and drying. Avoid eating, drinking or smoking while processing this product. Protect skin and eyes. In case of contact with eyes or skin rinse immediately with plenty of water. After eye contact also seek medical advice.

Information for allergy sufferers on: +49 180 2273112

Keep out of reach of children.

For professional users.

Safety data sheet available on www.thomsit.com

Ingredients: acrylate copolymer dispersion, modified natural resin, inorganic fillers, poly(1,2-propandiol), wetting agent, thickener, anti-foaming agent, preservatives (isothiazolinones, BNPD)

GISCODE D 1	solventfree accord. to TRGS 610
EMICODE EC 1 ^{PLUS}	very low emissions accord. to GEV
RAL UZ 113	Blue Angel, environmentally friendly due to very low emissions

Technical information

Please also follow the instructions in the following information sheets:

1. Briefing notes of the Technische Kommission Bauklebstoffe (www.klebstoffe.com, see under "Publications")
2. Installation as well as cleaning and care instructions of the flooring manufacturers.
3. Generally recognized rules of flooring technology as well as the applicable national standards.



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Disposal

Do not allow product to reach sewage system or any water course. Do not allow to penetrate the ground/soil. Only recycle totally empty packages. Dispose of hardened product residues as industrial waste similar to household waste or in the container for commercial/construction site waste. Dispose of unhardened product residues as hazardous waste. European waste code number (EWC): 08 04 10

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.

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