

P 618

Dispersion wood flooring adhesive

For solid and engineered wood flooring as well as wood block



TDS_Thomsit_P618_GCC_0514

PROPERTIES

- ▶ Environmentally compatible product
- ▶ Solventfree
- ▶ Not subject to labelling
- ▶ No negative effect on indoor air quality
- ▶ Low water content and easily spreadable

1

DESCRIPTION

Very low emission dispersion adhesive according to EN 14293 for bonding:

- mosaic, 22mm thick solid strip and upright lamellae parquet
- 10 mm solid thick oak wood flooring (up to 250 x 50 mm)
- 2 ply engineered wood flooring (up to a length of 1200 mm)
- wood block according to DIN 68 702

on absorbent substrates and wood chipboards V100. Also suitable for bonding mosaic, 22 mm solid strip and upright lamellae parquet made of wood species insensitive to swelling on normconforming mastic asphalt screeds. In addition, Thomsit P 618 can be used for bonding wood block as well as 22 mm solid strip and upright lamellae parquet on TF 302 ThomsitFloor® Shear Elastic Underlay. For bonding prefinished solid wood flooring and large wood panels use Thomsit P 625 Polyurethane Wood Adhesive or P 685 SICURE® Elast Universal.

SUBSTRATE PREPARATION

Substrates must comply with the requirements of ATV DIN 18 356 "Wood flooring work", BS CP 8201 & 8204 or comparable national standards. In particular, they must be clean, free from structural defects, firm, dry and free of substances which may impair adhesion. Before direct bonding to cement screeds prime with Thomsit R 766 or diluted



adhesive (2 parts adhesive + 1 part water) and allow to dry for a minimum of 6 hours. Always grind calcium sulfate screeds (with sandpaper, grain size 16), vacuum clean, prime and level. Do not attempt to level out unevenness with the adhesive, but use the recommended Thomsit levelling compounds. Seek professional advice before installing parquet on stonewood or magnesia screeds.

APPLICATION

Stir the adhesive well and apply it evenly to the substrate with a B3 or B11 notched trowel. Only apply as much adhesive as can be laid with wood flooring within the working time. Ensure the backing of the wood flooring is wellwetted. Avoid gluing the edges. Allow a minimum gap of 10 mm from walls. Remove the spacer wedges from the perimeter joints immediately after installation. Avoid walking on the parquet surface both during and for at least 24 ours after installation.

IMPORTANT INFORMATION

- Do not install wood flooring at floor temperatures below 15°C and a relative humidity above 75 %.
- Remove any skin of driedup adhesive which may have formed (e.g. due to improper storage). Do not stir in.
- Tools and equipment can be cleaned with water.
- Immediately remove fresh spots of adhesive with a moist cloth.
- Tightly close opened buckets and use them up as soon as possible..

TECHNICAL INFORMATION

Please refer to the following information sheets:

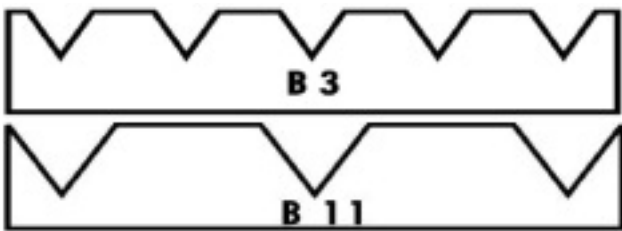
1. The norm guidelines and regulations of the appropriate national organizations and professional associations.
2. Floor covering manufacturers' product installation instructions.

PRODUCT SAFETY

Thomsit P 618 is solventfree and a suitable alternative to solventcontaining products. No special safety procedures or measures are necessary for its use. The risk of medium or longterm release of appreciable concentrations of volatile organic chemicals (VOC) into the ambient air is negligible.

Thomsit P 618 contains less than 50g/L VOC and fulfills the requirements in accordance with SCAQMD rule 1168, as specified in LEED credit IEQ 4.2 (adhesives & sealants).

For professional users.



TECHNICAL DATA

Supplied as	paste
Colour	beige
Density	approx. 1.4 kg/l
Coverage:	
- mosaic and upright lamellae parquet	notch B3 approx. 700-900 g/m ²
- 10 mm thick solid wood flooring, solid strip, engineered wood flooring wood block	notch B11 approx. 900-1100 g/m ²
Open time	none
Working time	approx. 20 minutes
Loadbearing	approx. 24 hours approx. 48 hours (engineered wood flooring)
Sanding work/ surface treatment	3 days at the earliest, 10 days with 10 mm solid wood flooring
Temperature resistance:	
- for transport	0 °C to +50 °C, protect from frost
- for storage	+10 °C to +30 °C
Storage	12 months, cool and dry
Packaging	15 kg plastic bucket.

DISPOSAL

Do not dispose of the product into natural water systems, drains or the soil. Recycle empty containers (dripfree and open).

GISCODE	D 1 (solventfree, accord. TRGS 610)
EMICODE	EC 1 R (very low emissions accord. GEV)



Trowel technique with adhesives



For use on under-floor heating

The information contained herein, particularly recommendations for the handling and use of our products, is based on our professional 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 their intended use. Legal liability cannot be accepted on the basis of the contents of this data sheet or any verbal advice given, unless there is a case of wilful misconduct or gross negligence on our part. This technical data sheet supersedes all previous editions relevant to this product.

Henkel AG & Co. KGaA – Bautechnik Deutschland
Henkelstraße 67 · D-40589 Düsseldorf
Telefon +49 211 797 0
Telefax +49 211 798 2148
E-mail: thomsit.bautechnik@henkel.com
www.thomsit.com

Henkel Polybit Industries Ltd.
P.O. Box 293, Umm Al Quwain, UAE
Tel: +971 6 7670777, Fax: +971 6 7670197
E-mail: henkelpolybit@henkelpolybit.com
www.henkelpolybit.com