

Thomsit

TKL 300

Product Information 01.12.2000



GEV = Association for the Control of Emissions in Products for Flooring Installation.
EMICODE = Emission Code
EC1 = Very Low Emission
EC2 = Low Emission
EC3 = Not Low Emission

FAST- FIX ADHESIVE

Special, 2-component dispersion adhesive for Bonding most floor coverings, especially suitable for Linoleum

- ▶ GEV EMICODE EC1 very low emission – neutral odour
- ▶ solvent free
- ▶ fast setting
- ▶ high bond strength
- ▶ roller castor suitable (DIN 68131)



Description

Special, 2-component dispersion adhesive for bonding linoleum, PVC and carpet.

Properties

Solvent-free, very low emission GEV EMICODE EC1 certified product, with a neutral odour. 2-component adhesive comprising 1 part dispersion adhesive and 1 part powder, which when mixed together hydrates and cures the adhesive. Fast setting with a high final bond strength.

Substrates

It is recommended that all mineral based substrates be tested for rising or retained moisture. Substrates must have an adequate structural DPM. Where the residual moisture content is too high, especially common in new construction, a Thomsit membrane may be required. The substrate must be free from structural defects, smooth, sound i.e. of adequate compressive and tensile strength, permanently dry and free from laitence, dust, surface treatments or contamination which would impair the bond of the adhesive.

Application

Thomsit TKL 300 adhesive must be applied to a prepared substrate with a suitable notched trowel. Selection will be dependant upon the type of floor covering and backing. Ensure that there is adequate adhesive transfer. Lay the floor covering in accordance with the manufacturers' recommendations. Apply Thomsit TKL 300 in accordance with the minimum ambient conditions and the practices prescribed in British/DIN/European Standards, e.g. BS CP 8203 & 5325; 1996, BS CP 8201, DIN 18 365.

Mix components A and B together thoroughly with a drill and suitable mixing paddle. Do not mix by hand. Apply to the prepared substrate with a suitable notched trowel. Install the covering immediately into the wet adhesive, ensuring full adhesive transfer. Ensure that the covering is in full contact with the adhesive during both installation and adhesive setting time. Observe the working time of Thomsit TKL 300, which is approximately 10 - 20 minutes. Once set, the adhesive has no further adhesion characteristics.

Technical Information

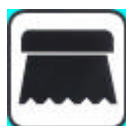
		Comp. A (Dispersion)	Comp. B (Powder)
Colour		white	white
Viscosity		liquid	powder
Specific gravity		approx. 1 kg/ltr	-
Consumption (Coverage)	Notch A3 B1 B2	approx. 300 g/m ² (3.3 m ² /kg) approx. 400 g/m ² (2.5 m ² /kg) approx. 600 g/m ² (1.6 m ² /kg)	
Curing times under normal climatic conditions	Open time Working time Full cure	* approx. none * approx. 10 – 20 minutes * approx. 24 hours	
Temperature resistance for transport and storage		3 to 50 °C. (comp. A is frost sensitive)	
Temperature resistance after curing		max. 50 °C (suitable for use with underfloor heating)	
Resistance to cleaning		suitable for wet-shampoo and extraction cleaning	
Storage		12 months under normal conditions	
Packaging		13 kg plastic Bucket	pallet quantity: 18

* The above information applies at normal ambient conditions, e.g. 20 °C and 55% Relative Humidity.

Health & Safety

Thomsit TKL 300 is solvent free and non-flammable. Thomsit TKL 300 is non-hazardous when mixed and used as intended. Thomsit TKL 300 component A requires no special precautions in storage, transportation or use.

Thomsit TKL 300 component B (powder) contains cement – contact with eyes and skin should be avoided. Avoid inhalation of dry powder. Where appropriate, wear suitable Personal Protective Equipment (PPE) e.g. gloves, eye protection. For further advice, please read the relevant Thomsit Safety Data Sheets, available upon request.



Notched
trowel
applied



No special
safety
measures
required



VOC emission
below 500 µg/m³

For Improved Indoor &
Environmental Air Quality

Disposal

Do not pour directly into drains. Retain the product for later use, or if beyond shelf life, mix the product and allow to cure and then dispose of in accordance with local regulations. Dispose of empty container in accordance with local regulations, or where appropriate recycle.

The information contained herein is general and not intended to be specific to any substrate, project or product system. The information is based on our experience to-date and the results of continuous and careful testing. Varying conditions and methods of use will influence the practical application of this product. The products optimum performance is also dependent upon the professional judgement of the user and their conformity to proper trade practice, relevant standards and codes of practice for installation, which are factors outside of our control.

The issue of this Thomsit Product Information Sheet supersedes all previous information relevant to this product.

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