

# Thomsit

## R 710

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

## POLYURETHANE (PU) ADHESIVE

Special, 2-component polyurethane adhesive for bonding most floor coverings, especially suitable for PVC and rubber

- ▷ solvent free
- ▷ GEV EMICODE EC1 very low emission
- ▷ fast curing
- ▷ high bond strength



### Description

Special, 2-component polyurethane adhesive for bonding rubber, linoleum, PVC, carpet, etc.

### Properties

Solvent free, 2-component polyurethane adhesive. GEV EMICODE EC1 certified product. Easy to mix and apply. Fast setting with a high final bond strength. For interior and exterior use.

### 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 R 710 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 to the manufacturers' recommendations. Apply Thomsit R 710 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.

Thomsit R 710 is supplied in a 2-component combi-can. Component A is in the base of the container and component B is in the lid. Pierce through the plastic lug and base of the lid with as long screwdriver or similar. Allow component B to pour into the base. Remove the lid and ensure that it is empty. Thoroughly mix the two components together with a drill and suitable mixing paddle. Do not mix by hand. Apply to the prepared substrate with a suitable, notched trowel. Install the floor covering immediately into the wet adhesive, ensuring full adhesive transfer. Ensure that the floor covering is in full contact with the adhesive during both installation and adhesive setting time. Some floor coverings may need to be weighted. Observe the working time of Thomsit R 710, which is approximately 45 minutes. Once set, the adhesive has no further adhesion characteristics. Clean tools and/or adhesive residues with Thomsit R 733 Cleaner.

## Technical Information

	Comp. A (base)	Comp. B (lid)
Colour	grey	brown
Viscosity	paste	liquid
Specific gravity	approx. 1.45 kg/ltr	approx. 1.2 kg/ltr
Mixing ratio (by weight)	4.5	1
Consumption (Coverage)	Notch A2	approx. 300 g/m <sup>2</sup> (3.3 m <sup>2</sup> /kg)
	B1	approx. 400 g/m <sup>2</sup> (2.5 m <sup>2</sup> /kg)
	B2	approx. 600 g/m <sup>2</sup> (1.6 m <sup>2</sup> /kg)
	B3	approx. 800 g/m <sup>2</sup> (1.25 m <sup>2</sup> /kg)
Curing times under normal climatic conditions	Open time	* approx. none
	Working time	* approx. 45 minutes
	Set to foot traffic	* approx. 12 - 18 hours
	Full cure	* approx. 7 days
Temperature resistance for transport and storage	0 to 50 °C	
Temperature resistance after curing	max. 50 °C (suitable for use with underfloor heating)	
Storage	12 months under normal conditions	
Packaging	4 kg combi-can	pallet quantity: 90
	10 kg combi-can	pallet quantity: 39

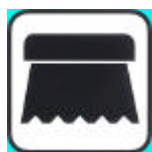
\* The above information applies at normal ambient conditions, e.g. 20 °C and 55% Relative Humidity.

## Health & Safety



**Xn = Harmful** contains 4.4' – Methyl-diphenyldiisocyanate

Harmful if swallowed. If either product comes into contact with eyes, flush with plenty of clean water and seek immediate medical assistance. Do not directly inhale vapour. Where appropriate, wear suitable Personal Protective Equipment (PPE) e.g. gloves, eye protection, clothing, etc. For further advice, please read the relevant Thomsit Safety Data Sheets, available upon request.



Notched  
trowel  
applied



Care should  
be taken.  
Inform &  
protect others  
during use



Ensure  
adequate  
ventilation  
during use

## Disposal

Do not pour directly into drains. Retain the product for later use, or if beyond shelf life, mix together 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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