

Adhesive recommendation and installation recommendations for preparation and installation on new substrates

Edition: 05/2025

This document consists of 4 pages

Adhesive recommendation

Edition: 05/2025



make it!

Flooring type	Covering name	THOMSIT-adhesive *)	TKB-notch size /roller
Luxury Tiles (LT)	futurapublic (PVC FREE & BIO BASED)	K 188 E, K 188 S, K 190 F (Dispersion adhesive)	A2
		K 195 (Reaction resin adhesive)	A1
		DT 100, DT 200 (Adhesive membrane)	Stiff broom

*) This is an international recommendation that applies to serval countries. Please note that not all listed products may be available in every country.

Recommendation for substrate preparation see second last page

Recommendation for preparation on new substrates

Levelling Compound	THOMSIT XXL Power or THOMSIT XF 500 screed rake: TKB R2, R4 Layer thickness min. 2 mm, for non-absorbent substrates layer thickness under dense coverings min. 3 mm max. layer thickness on mastic asphalt screed 5 mm				THOMSIT FA 97 or THOMSIT XF 500 smoothing trowel max. layer thickness 5 mm screed rake: TKB R2, R4 max. layer thickness 10 mm
Primer	THOMSIT R 766	THOMSIT R 766 Only if not properly sprinkled with quartz sand	THOMSIT R 755 2 coats with roller, sprinkled with dry quartz sand THOMSIT QS 10 into the second coat	THOMSIT R 766 or THOMSIT R 790	
Substrate preparation	DIN 18365, BS 8203 and respective local standards or code of practice for evaluation and preparation of substrates must be considered				TKB ¹⁾ Technical Briefing for "Wood particle boards used as laying substrate" must be considered
	grinding, vacuum cleaning		Shot-blasting, vacuum cleaning	Pay attention on manufacturer's information Sand down protrusions, clean and vacuum the surface, close butt joints and screw holes with Thomsit R727 or Thomsit R790	
Substrate	Calcium sulphate (CA) or Calcium sulphate flow screed (CAF)	Cementitious screed (CT)	Mastic asphalt screed (sprinkled with quartz sand)	Vacuum concrete, concrete and cementitious composite screed	New chipboards resp. OSB with tone-and- grove (P4-P7 resp. OSB/2-4) New dry- screed elements (calcium sulphite elements or similar) Permanent dry, thickness of elements ≥ 20 mm, for wooden boards ≥ 25 mm, professionally installed according to the installation instruction of the manufacturer
	Unheated: < 0,5 CM-% / 75 % RH ²⁾ Heated: < 0,3 CM-% / 65% RH ²⁾	Unheated: < 2,0 CM-% / 75% RH ²⁾ Heated: < 1,8 CM-% / 65% RH ²⁾	omitted	No limit values to be respected. Pores must be ready to absorb.	Not applicable. Only in the case of wooden substrates follow manufacturer's instructions.
Residual moisture	The substrate / subfloor must be permanently dry. Take appropriate measure against rising moisture.				

¹⁾ TKB technical briefing notes are available at: www.klebstoffe.com ²⁾ Hygrometer test according to BS 8203

Adhesive recommendation see page(s) before



All listed THOMSIT products are very low in emissions (EMICODE, Blue Angel, building authority approval DIBt) and therefore meet the highest requirements for occupational safety and indoor air quality, as well as the sustainable building criteria of DGNB, LEED and other organizations. Detailed information can be found in the respective sustainability data sheet (www.thomsit.de/toolbox/download-center/).



These recommendations are exemplary designed as a standard for new buildings and apply to normal loads e.g. like office chairs with chair castor. Further recommendations are possible after prior consultation of PCI Augsburg GmbH. If there are any questions and in case of renovation works, please consult PCI Augsburg “THOMSIT application technology”, phone +49 (0)821 5901-0, or via e-mail: thomsit-info@pci-group.eu

Further information is available at www.thomsit.com. The substrate must comply with DIN 18 365, BS 8203, BS 8204 & BS 5325 or comparable national standards and customary guidelines.

Please pay particular attention on the Technical Data Sheets of the respective Thomsit products (www.thomsit.com) and on the installation instruction of the floor covering manufacturer.

This document replaces all previous recommendations.