

Recommendation for preparation and installation on new substrates



Edition: 02/2023

Covering type	Covering name	THOMSIT adhesive	TKB notch size
Multi-layer (integrated, sound absorbing cork underlay)	EGGER Home Design Flooring GreenTec	P 625, R 710, P 680, P 690	B 11

Recommendation for substrate preparation see following page



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 "Technical Sales Management Thomsit", 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.

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Adhesive recommendation see page before

Levelling compound	Thomsit XXL Power screed rake: TKB R2, R4			Thomsit FA 97 smoothing trowel	Thomsit XXL Power screed rake: TKB R2, R4	
	Layer thickness min. 2 mm, for barely or non-absorbent substrates min. 3 mm, max. layer thickness on mastic asphalt screed 5 mm				maximum layer thickness 5 mm	
Primer	Thomsit R 766		Thomsit R 790 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				TKB¹ Technical Briefing for "Wood particle boards used as laying substrate" must be considered	Pay attention on manufacturer's information
	grinding, vacuum cleaning			Shot-blasting, vacuum cleaning	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)	Cement screed (CT)	Mastic asphalt screed (sprinkled with quartz sand)	Vacuum concrete, concrete and cementitious composite screed	New chipboards resp. OSB with tongue-and-groove (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.	
Residual moisture	Unheated: < 0,5 CM-% / 75% rel. humidity (RH) ² Heated: < 0,3 CM-% / 65% rel. humidity (RH) ²	< 2,0 CM-% / 75% RH ² (unheated) < 1,8 CM-% / 65% RH ² (heated)	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.	
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



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