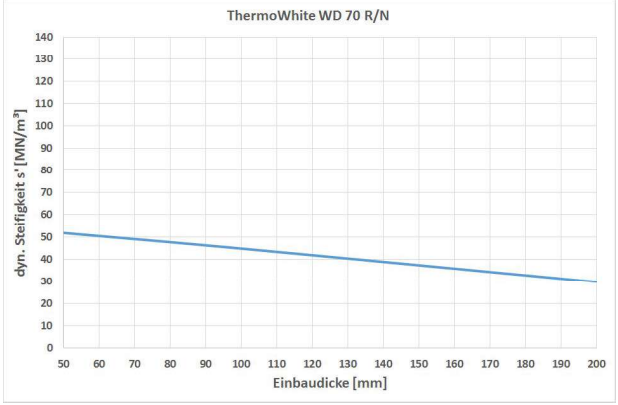
Technical datasheet ThermoWhite
BEPS WD 70 R (R/N)

ThermoWhite®
Die white bessere Dämmung

Mineral bound thermal- and/or impact sound insulation for normal load under screed, for backfills, flat roofs and lofts.
Designation code: **BEPS-WD 70 R (RN)-PS(0-8)R-LD70-FMD102-DMD90-MU6-CS(10/70-CC(1,2/0,5/10)10-DLT(1)5**

Thermal conductivity		$\lambda_{10\ dry,\ 90/90}$	0,0444 W/mK
Thermal conductivity (rated value)		λ_r	0,045 W/mK
Bulk density of EPS dry mortar		LD	70 kg/m³
Density of fresh mortar		FMD	100 kg/m³
Dry bulk density		DMD	90 kg/m³
Creep behaviour 10 years at 10 kPa		CC	≤ 1,2%
Compressive stress at 10 % deformation		CS (10)70	70kPa
Dimensional stability under specified temperature and humidity		DLT (1)5	≤ 3%
Water vapour permeability		at 3 cm	μ*d = ≤ 6 m
Reaction to fire (EN ISO 11925-24 / EM 13501-15)			E
Type and particle size group of EPS aggregate			50% 0 - 8 R / 50% 2 -8 N
Water absorption by short-term, partial immersion			≤ 2,0 kg/m²
Addition of water each m³			36 liter
Minimum thickness			35 mm
Traffic load		at 10 cm	16 kN/m²
Compressibility under charge (Diff. between dL and dF)	with 5 kPa	(500 kg/m²)	0,5 mm
Processing time (open time, 20°/60 % LF)			min. 40 min
Processing temperature min/max			+5° / +35°C
Passable after			24 hours*
Ready for covering after (CM-measurement)			≤ 12 CM-%
On installed thickness to 200 mm (23°C /50 % LF)			ca. 2 days**
Compensation moisture on ÖNORM EN 12429			5,5 M%
Improvement of impact sound insulation (EN ISO 717-2)			25 dB



* depending to temperature and air moisture.
** the disclosure is a guide value.
A CM-measurement is necessary.

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Europäische Technische Bewertung für
European Technical Assessment for

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