

Technical datasheet ThermoWhite BEPS WD 130 R



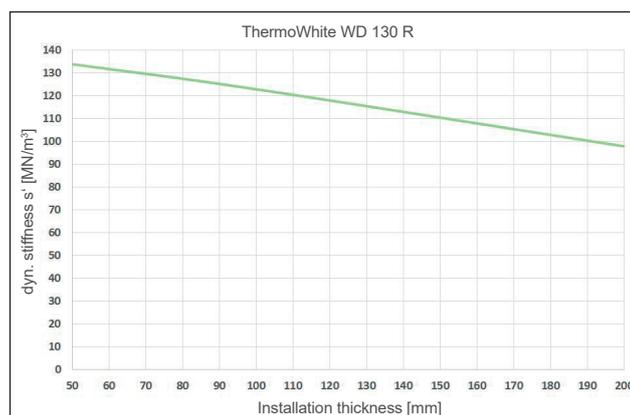
Mineral bound thermal- and/or impact sound insulation for higher load under screed.

Designation code: BEPS-WD 130 R-PS(0-8)R-LD120-FMD160_DMD145-MU6-CS(10/70-CC(1,2/0,5/10)10-DLT(1)5

90%-Fractile value of thermal conductivity (dry)	$\lambda_{10 \text{ dry, 90/90}}$	0,0550 W/mK
Design value of thermal conductivity	λ	0,055 W/mK
Bulk density of EPS dry mortar	LD	120 kg/m ³
Density of fresh mortar	FMD	160 kg/m ³
Dry bulk density	DMD	145 kg/m ³
Creep behaviour 10 years at 10 kPa	CC	≤ 1,2%
Compressive stress at 10 % deformation	CS (10)70	80kPa
Dimensional stability under specified temperature and humidity	DLT (1)5	≤ 3%
Water vapour permeability	at 3 cm	$\mu*d = \leq 6 \text{ m}$
Reaction to fire according to EN 13501-1:2018		B-s1
Type and particle size group of EPS aggregate		0 - 8 R
Water absorption by short-term partial immersion		≤ 2,0 kg/m ²
Addition of water each m ³		45 litre
Minimum thickness		25 mm
Traffic load	at 10 cm	19 kN/m ²
Compressibility under charge (Diff. zwischen d_L und d_F)	with 5 kPa (500 kg/m ²)	0,3 mm
Processing time (open time, 20°/60 % LF)		min. 40 min
Processing temperature min/max		+5° / +35°C
walkable from		24 hours*
Ready for covering after (CM-measurement)		≤ 15 CM-%
On installed thickness to 200 mm (23°C / 50 % LF)		approx. 2 days**
Compensation moisture on ÖNORM EN 12429		5,5 M%
Impact sound reduction (according to EN ISO 717-2)		25 dB

* Depending to temperature and air moisture.

** The disclosure is a guide value.
A CM-measurement is necessary.



07/2021

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