

Technical datasheet

PE 5/300 impact sound vapour barrier

Thermowhite PE 5/300 impact sound vapour barrier
5 mm impact sound foam with laminated vapour barrier and self-adhesive tapes

Material	Polyethylen-foam with laminated barrier, 100 % HFCKW, HFKW free	
Length	40 m	
Width	1,25 m	
Nominal thickness PE-foam	5 mm	
Compressive stress at 10 % deformation (EN 826)	6,9 kPa	
Compressibility under long-term exposure (ÖN B 6010)	1 mm	
Exposure under floating screed (EN 12431)	5KN/m ²	
Dynamic stiffness (EN 29052-1)	75 MN/m ³	
Reaction to fire ÖNORM (EN 13501-1)	E	
Reaction to fire (DIN 4102)	B 2	
Impact sound improvement value	(ÖNORM B 8115-4) depends on the areal mass of screed	20 dB
Footfall sound improvement value	in system with ThermoWhite WD 100 R or WD 70 R up to	32 dB
Thermal conductivity	λ_D 0,045 W/mK	
Long-term temperature resistance	80 - 85 °C	
Equivalent air layer thickness - sd - value	≥ 100 sd (m)	
Package/weight	50 m ² per roll in PE-bag	15 kg

