

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)	5 KN/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

