

PROVENT ACOUSTIC FLOORING UNDERLAY

With integrated moisture barrier and circulation grooves (Micropumping System)

Thickness	3.0 (HDPE film 0.02) / 1/8 "	mm	EN 823
Width	100 (HDPE film overlap of 20 cm) / 3.28	cm / ft	
Length	20 / 65.62 ft	m / ft	
Surface per roll	20 / 215.28	m ² / sqft	
Material	LDPE-foam / HDPE-film,		
Density	30	kg /m ³	
Weighth	80 ± 5 %	g / m ²	
Reflected walking sound reduction	22	%	IHD - W431
Impact sound improvement	22 (in combination with laminate floor 7 mm)	dB	EN ISO 10140-3
Impact sound pressure level L _{n, w}	55 (hollow core slab 300 under the parqet)	dB	EN ISO 10140-3
IIC impact sound transmission	71	dB	ASTM 492
STC airborne sound transmission	67	dB	ASTM E90
Water vapour permeability (W)	<11 × 10 ⁻¹²	kg / (m ² × s × Pa)	VTT-S-00545-07
Water vapour permeability (δ)	<4 × 10 ⁻¹⁴	kg / (m × s × Pa)	VTT-S-00545-07
Thermal resistance R	0,070	m ² K / W	EN 12667
Air movements under flooring (under ProVent)	certified, protection against moisture,		
Compression strength	9	KPa	EN 826
Effect of dynamic load	no change or damage		Research report No.PEPI-16112015-1
Emission	M1 (best emission class for building materials)		Finnish Building Information Foundation RTS, 25.02.2020, no. 3217
VOC-Emissions	fulfills the AgBB scheme and DiBt criteria		EN ISO 16000
Subfloor heating system	ja		
Environment	from pure polyethylene raw material does not include any heavy metal parts 100 % recyclable neutral to the ground-/drinking water can be used as "second class energy source".		