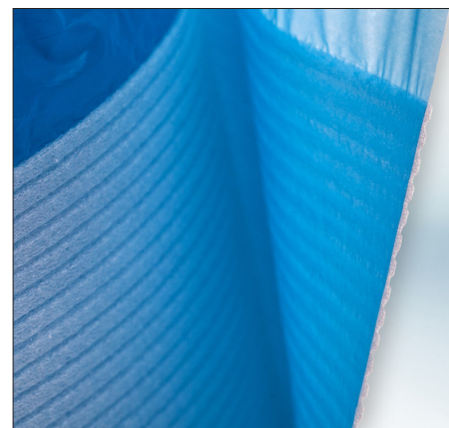


ProVent 3mm

Ventilating Underlay for floating floors



Material - Low-density polyethylene foam with a profiled surface and high-density polyethylene film.

1. Dimensions

Number of ribs per metre	164	±5 %
Thickness of Foam Layer	2.9mm	EN823 + Annex A to FprCEN/TS 16354:2011
Thickness of HDPE Film	0.02mm	
Roll Width		
PE Foam Sheet	1.0-1.3m	
HDPE Film	Foam Sheet +0.20m	
Roll Length	15-100m	

2. Technical Data

Density		
Density of Foam Layer	30kg/m ³	
Density of HDPE	950kg/m ³	
Weight	80g/m ²	±5 %
Acoustic Properties		
Reflected walking sound reduction	22%	IHD - W431 ²
Impact Sound Improvement	22dB	LVS EN ISO 10140-3 ²
impact sound pressure level L'n,w (hollow core slab 300/parquet underlay)	55dB	LVS EN ISO 10140-3 ²
Moisture Barrier Qualities		
Water vapour permeability	<11 x 10 ⁻¹² kg/(m ² x s x Pa)	Test report VTT-S-00545-07 ¹
Water vapour permeability	<4 x 10 ⁻¹⁴ kg/(m x s x Pa)	Test report VTT-S-00545-07 ¹
Sd-Value	Comparable >100m	combined effect of ventilation feature and vapour barrier properties, test report VTT-S-06851-08/GB ¹
Thermal resistance R	0.070 m ² K/W	EN 12667, test report VTT-S-10322-08 ¹
Area of subfloor surface free for air exchange	60%	Test report No. PEPI-17112015. Print method ³
Drying characteristic of the sub-floor (DCS). Loosing of moisture in 60 days (kg)	>2kg	Test report No. PRQC 100.004, 12.11.2015, Determination of concrete drying underneath underlay with air channels/ventilation gap ³

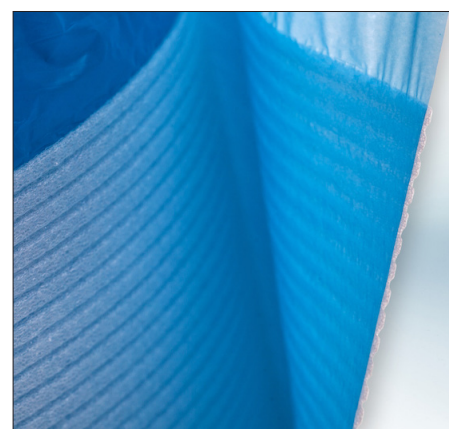
Overview

Multifunctional underlay with ventilation feature for use under laminate and engineered flooring.



ProVent 3mm

Ventilating Underlay for floating floors



Compressibility		
Compression strength (kPa)	9	CEN/TS 16354:2013, EN 826 + A.3.5 ³
Vertical deformation of an installed laminate flooring over ProVent	<0.5 mm	Test report, Nr.PEPI-16112015-2: Vertical deformation of a laminate flooring installed over ProVent ⁶ 100 kg load applied on a sample floor of 6.25 m ² area with a pressure of 3.63 t/m ²
Effect of dynamic load on a sample flooring over ProVent	no change or damage	Research report No.PEPI-16112015-1 ³
3. Other properties & application information		
Product Lifetime	50 Years	
Level of Harmful emissions	M1 (best emission class for building materials)	Rakennustieto, Finnish Building Information Foundation RTS, 25.02.2020, no. 3217
VOC and aldehyde emission	Fulfills the requirements of the AgBB-Scheme and "DIBt Principles for the health assessment of construction products in interiors"	EN ISO 16000 ²
Application areas	with laminate and parquet (engineered) flooring	Minimum thickness – 6 mm
Use with floor heating system	Yes	
Compensation of uneven floor	1mm	

Overview

Multifunctional underlay with ventilation feature for use under laminate and engineered flooring.

