QA

Barrier
Underlay

Lightweight PE foam wood underlay **with vapour barrier**

■ Protects against damp
With a clear printed vapour barrier on one side, Barrier effectively and economically stops moisture rising from the subfloor to keep your floor dry.

■ Support against impact shock
Barrier gives your floor covering the perfect level of support, guarding against excess wear and even high impact damage.
It feels good under your feet, too.

■ Light fantastic
While it's no lightweight in performance, Barrier's certainly easier and safer to lift and handle compared with many underlays – thanks to its ultra-lightweight PE foam.

Best for

Cushioning	Moisture Protection	Sound Reduction
Level Floors	Compression Recovery	Underfloor Heating
Hard Wearing	Heat Insulation	Commercial Use*

*Suitable for hotels and public buildings

Technical Data

Properties	Unit	Value Test	Method
Density	kg/m^3	20 ± 2.0	internal
Impact Sound Reduction	dB	≈ 20	DIN EN 717-2
Temperature Stability (unloaded)	°C	75	internal
Thermal Conductivity of PE Foam measured at 10°C	W/m k	0.045	DIN 4108
Thermal Resistance of PE Foam	$m^2\,k/W$	0.067	DIN 4108
Vapour Diffusion Resistance	m	≥ 40	DIN EN ISO 12572
Maximum Compression Load	kN/m^2	≤ 2.0	DIN EN 1606
Resistance to Compression at 25% Deformation	to/m^2	≈ 2.5	DIN 53 577
Tensile Strength, lengthwise*	N/mm^2	≥ 0.30	DIN 53 571
Tensile Strength, crosswise*	N/mm^2	≥ 0.15	DIN 53 571
Elongation at break, lengthwise*	%	≈ 100	DIN 53 571
Elongation at break, crosswise*	%	≈ 80	DIN 53 571

The information given above may vary and is partly based on information from our suppliers. It represents the prevailing level of expertise and is not binding in a legal sense. The compliance of legal requirements lies within the customers own responsibility.

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Simply Better

Available in

Code	QAU-BAR-01
Size	1m x 15m ($15m^2$)
Thickness	3mm