



QuickTherm Underlay

Perforated PE foam underlay specially designed for underfloor heating

■ The underfloor heating underlay

QuickTherm's unique perforated design and ultra low tog value of just 0.35 means your underfloor heating system works more efficiently to keep you toasty!

■ Lifelong supporter

The very dense closed cell polyethylene material can take heavy loads long-term, fully supporting your floor to protect it and keep it in good shape for a longer life.

■ Light fantastic

It may be no lightweight in performance, but QuickTherm's certainly easy and safe to lift and handle thanks to its ultra-lightweight foam.

Technical Data

Properties	Unit	Value Test	Method
Density	kg/m ³	120 ± 12.0	internal
Impact Sound Reduction	dB	≥ 19	DIN ISO 140-8
Walking Noise Reduction	Sone	6 (SL10)	EPLF Norm 021029
Maximum Temperature Stability (unloaded)	°C	75	internal
Thermal Conductivity measured at 10°C	W/m K	0.052	DIN 4108
Thermal Resistance, R-Value	m ² k/W	0.035	DIN 4108
	togs	0.35	
Long term load-bearing capacity	kN/m ²	≤ 5.0	DIN EN 1606
Compressive strength at 10% compression	kN/m ²	≥ 60	DIN EN 826
Fire classification (reaction to fire)		Class B2	DIN 4102

Usage for underfloor heating

Suitable for low temperature underfloor heating systems with low maximum heating temperatures ≤ 45°C.

In accordance with German regulations (dated May 2001) the heat transmission resistance of flooring and underlay material must not exceed a value of $R_{2B} = 0.15 \text{ m}^2 \text{ K/W}$ for flooring used in combination with underfloor heating.

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

Medium Traffic

Wood



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

Available in

Code	QAU-QTH-01
Size	1m x 10m (10m ²)
Thickness	1.8mm