

HERAFOAM

DESCRIPTION




Heraklith® | Herafoam is a wood wool panel combined with a rigid foam insulation board. This panel is very well suited for concrete ceilings and walls in renovation and new development projects that require high thermal performance and limited thickness.



STANDARD VERSION

Heraklith® | Herafoam is produced with 100% PEFC certified wood and a fibre width of 2 mm as standard. The panels are factory finished with a nature tone colour spray, lapjoints and beveled all round.

PERFORMANCE

 Fire classification B-s1, d0 ★★★★★	 Sound absorption $\alpha_w \geq 0.25$ (50 mm) ★★★★★	 Thermal resistance $R_D = 6.40$ (155 mm) ★★★★★
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ADVANTAGES

- ✓ Very high thermal insulation values with low panel thickness
- ✓ 2 point mounting ensures quick installation and tightly aligned patterns
- ✓ Lightweight wood wool panel
- ✓ Moisture and mould resistant
- ✓ Aesthetic finish and insulation with one panel

SPECIFICATIONS

Panel thickness (T) (mm)	Composition mm [HW/PIR]	R_D ($m^2 \cdot K/W$)	Weight (kg/m^2)	Length (L) (mm)	Width (W) (mm)	Panels/pallet	Pallet (m^2)
85	10/75	3.35	7.9	1200	600	28	20.16
100	10/90	4.00	8.4	1200	600	24	17.28
125	10/115	5.10	9.2	1200	600	20	14.40
155	10/145	6.40	10.1	1200	600	16	11.52

Options

Colour	White (RAL 9003)
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CERTIFICATIONS



Always process our Heraklith wood wool panels according to our processing instructions. These can be found on www.heraklith.co.uk/processinginstructions



www.heraklith.co.uk

Wood Wool Combi Panel in accordance with EN 13168:2012+A1
WW-C2-EN 13168-L2-W1-T1-S2-P2-CS(10/Y)100-TR5-CI3

TECHNICAL INFORMATION

Properties	Symbol	Description					Unit	Norm
Fire classification	-	B-s1,d0 *					-	EN 13501-1
Heat conductivity coefficient	λ	Wood wool: 0.080 / PIR: 0.023					[W/mK]	EN 12667
Compressive strength	σ_m	≥ 100					[kPa]	EN 826
Tensile strength perpendicular to surface	σ_m	≥ 5					[kPa]	EN 1607
Chloride gehalte	C	CI3					-	EN 13168
Chloride levels	-	Thickness (T1)	Length (L2)	Width (W1)	Squareness (S2)	Flatness (P2)	[mm]	EN 13168
		[D \leq 100] +3/-2	+3/-5	± 3	≤ 2	≤ 3		
DoP-code	W4077HPCPR (www.dopki.com)							

* Insulation material produced without rabbit

SOUND ABSORPTION COEFFICIENT*

Panel type	F(Hz)	125	250	500	1000	2000	4000	α_w	NRC	SAA	Report number
Herafoam [2mm], 50mm	α_s (1/1 octave))	0.03	0.06	0.23	0.26	0.37	0.68	0.25	0.20	0.23	A 3022-3E-RA-001

Sound absorption tests have been executed in accordance with the norm ISO 11654/ ASTM-C423

* Insulation material produced without rabbit

Do you want more information? Please contact us

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