Heraklith®

www.heraklith.co.uk

HERATEKTA+

Heratekta is a panel that combines wood wool with a grey insulation board that has a tongue and groove connection that supports very easy and one-man installation. This allows for an extra flat and extra quick mounting process.

STANDARD VERSION

The Heratekta panel is produced with PEFC certified wood and a fibre width of 2 mm as standard. The panels are factory finished with a nature tone colour spray and beveled all round.

PERFORMANCE

Fire classification
B-s1, d0
★★★☆

Sound absorption
α_W = 0.30
★☆☆☆

Thermal resistance
R_D max. 6.20 (200 mm)
★★★☆

Higher thermal performance!

ADVANTAGES

- ✓ Grey eps (λ 0,032) offers an average of 25% better thermal performance compared to white EPS
- ✓ 2 point mounting in combination with tongue and groove connection ensures an easy and flat mounting process
- ✓ Lightweight wood wool panel
- ✓ Moisture and mould resistant
- ✓ Aesthetic finish and insulation with one panel

SPECIFICATIONS

Thickness (mm)	**Composition** mm [HW/EPS]	**R_D** (m^2.K/W)	**U value** (indication) * (m^2.K/W)	**Weight** (kg/m^2)	**Length** (mm)	**Width** (mm)	**Panels/ pallet**	**Pallet** (m^2)
50	10/40	1.40	0.64	9.0	985	590	44	25.57
80	10/70	2.35	0.42	9.4	985	590	26	15.11
100	10/90	3.00	0.34	9.7	985	590	22	12.79
125	10/115	3.80	0.27	10.0	985	590	18	10.46
150	10/140	4.60	0.23	10.4	985	590	14	8.14
175	10/165	5.40	0.20	10.7	985	590	12	6.97
200	10/190	6.20	0.17	11.1	985	590	10	5.81

* • Calculated according to EPBD
• Construction: 50 mm screed, 250 mm concrete
• 2 DDS *plus* concrete screws per panel

Options	
Fibre width	1.0 mm
Colour	White (RAL 9003) or RAL

CERTIFICATIONS

PEFC PEFC/30-31-241

EXCELL ZONE VERTE

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

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

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Wood Wool Combi Panel in accordance with EN 13168:2012+A1
WW-C/2 EPS-EN13168-L2-W1-S1-T1-P1-CS(10/Y)40-CI1

TECHNICAL INFORMATION

Properties	Symbol	Description					Unit	Norm
Fire class	–	B-s1,d0 *					–	EN 13501-1
Heat conductivity coefficient	λ	Wood wool: 0.090 / EPS-Grey: 0.031					[W/mK]	EN 12667
Compressive strength	SC	≥ 50					[kPa]	EN 826
Chloride levels	CI	CI1					–	EN 13168
Tolerances	–	Thickness (T1)	Length (L2)	Width (W1)	Squareness (S1)	Flatness (P1)	[mm]	EN 13168
		[D≤100] +3/-2 [D>100] +4 /-3	+ 3/-5	± 3	≤ 4	≤ 6		
Edge finishing insulation	Tongue and groove							
Edge finishing wood wool	Bevelled							
DoP-code	4010_Heratekta+ (www.heraklith.co.uk)							

* Mounted directly to concrete

SOUND ABSORPTION COEFFICIENT*

Panel type	F(Hz)	125	250	500	1000	2000	4000	α_w	NRC	SAA	Report number
Heratekta (2mm), 50mm	α_s (1/1 octave)	0.05	0.22	0.23	0.26	0.45	0.78	**0.30**	0.25	0.29	A 3598-4E-RA001
Heratekta (2mm), 100mm	α_s (1/1 octave)	0.17	0.29	0.21	0.23	0.41	0.81	**0.30**	0.25	0.29	A 3598-4E-RA001
Heratekta (2mm), 150mm	α_s (1/1 octave)	0.24	0.29	0.20	0.25	0.46	0.84	**0.30**	0.30	0.30	A 3598-4E-RA001

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

* Mounted directly to concrete

UNPAINTED

Wood is a natural product and comes in endless shades of colour, from light to quite dark. The same applies to wood wool. Colour variations can therefore occur in unpainted wood wool panels. If you want to avoid these variations, we advise choosing a sprayed finish in a natural shade to create a uniform paint layer. This will preserve the natural character of the product without colour variations. As well as a natural shade, you can also order wood wool panels in any RAL/NCS colour.

Do you want more information? Please contact us

Knauf Insulation B.V.

Dakota 7
5126 RL Gilze

Tel: + 31 (0)162 - 42 12 45
e-mail: woodwool.export@knaufinsulation.com

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