

## Heraklith® | Heratekta



Heraklith® | Heratekta is a wood wool cement panel combined with an EPS board. Heratekta panels are specially developed for wall and ceiling uses which have thermal performance requirements. The panel is easy to mount thanks to its lightweight, 2 point mounting and alternating lapjoints. Fire retardant modified EPS (-SE) is used in the manufacturing: moisture and mould resistant. The Heratekta panel's excellent price-quality ratio makes it an exceptionally well-suited material for thermal insulation and finishing in renovations and new construction projects.

### Product Performance



Fire classification  
B-s1, d0



Sound absorption  
 $\alpha_w = 0.40$  (50mm)



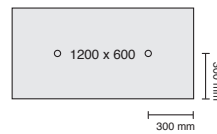
Thermal resistance  
 $R_D = 4,40$  (175 mm)

### Advantages

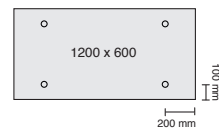
- 2 point mounting ensures quick installation and attractive, tightly aligned patterns
- Good thermal insulation
- Optimal retention of thermal resistance by combining alternating lapjoints with 2 point mounting
- Lightweight wood wool panel
- Retains dimensions and form for optimal convenience
- Moisture and mould resistant
- Aesthetic finish and insulation with one panel
- 100% PEFC certified wood. FSC upon request

### Standard mounting

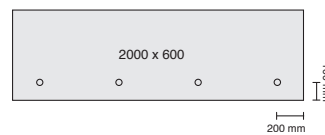
2 point\*  
(thickness: 85-175 mm)



4-point\*  
(thickness: 50 mm and > 175 mm)



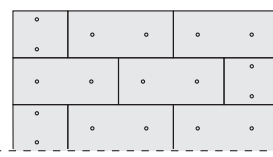
4 point\* (thickness: 50 mm and > 175 mm)



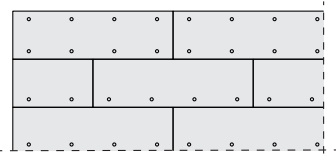
\*In combination with recommended mounting grid and level cement surface.

### Recommended mounting grid

2 point



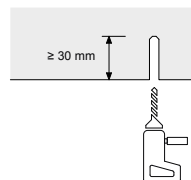
4 point



Please see our processing instructions for more information  
<http://www.heraklith.co.uk/content/downloads-documents>

### Mounting accessories

Solid battle plugs and DDS-plus concrete screws for quickly mounting wood wool panels directly to concrete, with a minimum embedment depth of only 25 mm and a drilled hole of a minimum of 30 mm.



Panel range							
Panel thickness	mm ▶	50*	85	100	125	150	175
Composition	mm [WW/EPS]	12/38	12/73	12/88	12/113	12/138	12/163
R <sub>D</sub>	m <sup>2</sup> .K/W	1.15	2.05	2.45	3.10	3.75	4.40
Weight	kg/m <sup>2</sup>	7.2	7.7	7.9	8.3	8.7	9.0
Length (L)	mm	1200/2000					
Width (W)	mm	600					
Boards / pallet		44	28	24	20	16	12
m <sup>2</sup> / pallet		31.6 / 52.8	20.1 / 33.6	17.2 / 28.8	14.4 / 24.0	11.5 / 19.2	8.6 / 14.4

\*Insulation material produced without lapjoints

Technical information								
Properties	Symbol	Description				Unit	Norm	
Fire classification	-	B-s1,d0 <sup>1</sup>				-	EN 13501-1	
Heat conductivity coefficient	λ	Wood wool: 0,080 / EPS: 0.038				[W/mK]	EN 12667	
Compressive strength	σ <sub>m</sub>	≥ 60				[kPa]	EN 13168	
Tensile strength perpendicular to surface	σ <sub>mt</sub>	≥ 5				[kPa]	EN 13168	
Chloride levels	Cl	Cl3				-	EN 13168	
Tolerances	-	Thickness (T1)	Length (L2)	Width (W1)	Squareness (S2)	Flatness (P2)	[mm]	EN 13168
		+ 3/-2 + 4/-3 (L > 1250 mm)	+ 3 / -5	± 3	≤ 2	≤ 3		

<sup>1</sup> Mounted directly to concrete

Sound absorption coefficient <sup>1</sup>												
Panel type	F(Hz)	125	250	500	1000	2000	4000	α <sub>w</sub>	NRC	SAA	Report number	Norm
Heratekta [2mm], 50 mm	α <sub>s</sub> (1/1 octave)	0.04	0.12	0.46	0.48	0.73	0.90	<b>0.40</b>	0.45	0.45	A 3022-2E-RA-001	ISO 11654 / ASTM-C423

<sup>1</sup> Mounted directly to concrete

Standard construction	Options
Wood	100% PEFC certified
Finishing	2.0 mm
Colour	Natural shade (RAL 1015)
Edge finishing	Bevelled all round
Other	Alternating lapjoints all round
	Wood
	100% FSC certified
	Finishing
	1.0 mm
	Colour
	White, RAL or NCS colours
	Panel variant
	End panel

In addition to the standard constructions and options, it is possible to customise Heraklith panels entirely to your needs. For more information please contact our export manager via [info.nl@heraklith.com](mailto:info.nl@heraklith.com)

DoP-code: W4077BPCPR ([www.dopki.com](http://www.dopki.com))