

## Heraklith® | Basic



Heraklith® | Basic is an undried and untreated wood wool panel. The Basic panel's acoustic performance makes it perfectly suited for basic constructions, technical spaces, warehouses and sheds. The panel is untreated, retaining its natural structure and square edges. Good moisture resistance makes the panel suitable for outside use.

### Product Performance



Fire classification  
B-s1, d0



Sound absorption  
 $\alpha_w \geq 0.35$  (25 mm)



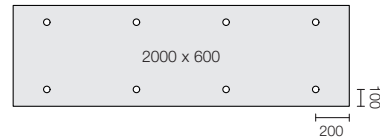
Thermal resistance  
 $R_D = 0.60$  (50 mm)

### Advantages

- Good sound absorption properties
- Natural look
- Moisture and mould resistant
- Aesthetic finish
- 100% PEFC certified wood

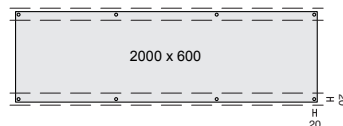
### Standard mounting

8 point



Always mount in the recommended pattern against a flat concrete surface.

### Wooden batten mounting / CD metal profiles



Please see our processing instructions on [www.heraklith.co.uk/content/downloads-documents](http://www.heraklith.co.uk/content/downloads-documents) for more information

### Mounting accessories

We offer a variety of mounting accessories that ensure a quick mounting process for our wood wool panels on any surface.

Mounting accessories	Surface		
	Concrete	Wood	Steel
MSP Anchor Fixing	✓		
DDS <i>plus</i> Concrete Screw	✓		
Wood screw		✓	
Metal screw			✓



ISO 9001  
ISO 14001  
OHSAS 18001  
BUREAU VERITAS  
Certification



20889



Panel range				
Panel thickness (T)	mm	25	35	50
R <sub>D</sub>	m <sup>2</sup> .K/W	0.30	0.40	0.60
Weight	kg/m <sup>2</sup>	12.5	17.5	25.0
Length (L)	mm	2000		
Width (W)	mm	600		
Panels / pallet		80	60	40
m <sup>2</sup> / pallet		96.00	72.00	48.00

Technical information							
Properties	Symbol	Description				Unit	Norm
Fire classification	-	B-s1, d0				-	EN 13501-1
Heat conductivity coefficient	λ	Wood wool: 0,080				[W/mK]	EN 12667
Compressive strength	σ <sub>m</sub>	≥ 200				[kPa]	EN 13168
Chloride levels	Cl	Cl3				-	EN 13168
Tolerances	-	Thickness (T1)	Length (L2)	Width (W1)	Squareness (S2)	Flatness (P2)	[mm]
		+ 3 / -2	+ 3 / -5	± 3	≤ 2	≤ 3	

Sound absorption coefficient <sup>1</sup>												
Construction + panel type	F(Hz)	125	250	500	1000	2000	4000	α <sub>w</sub>	NRC	SAA	Report number	Norm
1) Concrete 2) Heraklith® [2mm], 25mm	α <sub>s</sub> (1/1 octave)	0.06	0.13	0.27	0.63	0.91	0.66	<b>0.35</b>	0.50	-	A2518-3-RA-001	ISO 11654 / ASTM-C423
1) Concrete 2) Heraklith® [1mm], 25mm	α <sub>s</sub> (1/1 octave)	0.08	0.16	0.31	0.60	0.94	0.72	<b>0.35</b>	0.50	-	A2828-2E-RA-001	ISO 11654 / ASTM-C423
1) Concrete 2) Cavity, 175mm 3) Heraklith® [2mm], 25mm	α <sub>s</sub> (1/1 octave)	0.21	0.56	0.65	0.52	0.65	0.82	<b>0.60</b>	0.60	-	A 2828-2E-RA001	ISO 11654 / ASTM-C423
1) Concrete 2) Cavity, 135mm 3) Mineral wool, 40mm 4) Heraklith® [2mm], 25mm	α <sub>s</sub> (1/1 octave)	0.44	0.87	0.87	0.90	0.84	0.95	<b>0.90</b>	0.85	-	A 2828-2E-RA001	ISO 11654 / ASTM-C423
1) Concrete 2) Heraklith® [2mm], 35mm	α <sub>s</sub> (1/1 octave)	0.09	0.16	0.35	0.81	0.77	0.76	<b>0.40</b>	0.50	-	A2518-3-RA-001	ISO 11654 / ASTM-C423
1) Concrete 2) Heraklith® [2mm], 50mm	α <sub>s</sub> (1/1 octave)	0.15	0.33	0.62	0.87	0.75	0.85	<b>0.60</b>	0.65	-	A2518-3-RA-001	ISO 11654 / ASTM-C423

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

Standard construction	
Wood	100% PEFC certified
Finishing	2.0 mm
Colour	Natural (unsprayed and undried)
Edge finishing	Straight edges

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: W4077APCPR ([www.dopki.com](http://www.dopki.com))