

## Heraklith® | A2 Decorative Panel



Heraklith® | A2 Decorative panel is a completely finished, square and smooth wood wool panel with an A2 fire rating. This panel has been specially developed for the acoustic and decorative finish of walls and ceilings. In addition, concrete floors clad with A2 Decorative panels or when installed in a Richter grid ceiling system achieve a fire-resistance of 60 minutes\*. The panels also protect against the formation of surface condensation, ensuring a longer-lasting aesthetic finish.

\*Provided they are treated in accordance with Classification Report no. 16211B in accordance with European norm EN 1365-2.

### Product Performance



Fire classification  
A2-s1, d0



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



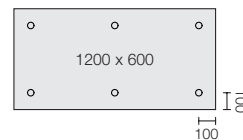
Thermal resistance  
 $R_D = 0.60$  (50 mm)

### Advantages

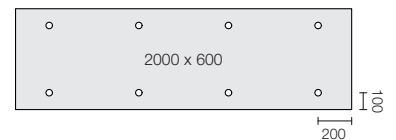
- Excellent fire-resistant properties (60 minutes)
- A2 fire rating, no drop formation and low smoke emissions when burning
- Good acoustic properties
- Dimensional and form stability for optimised ease of use
- Moisture and mould resistant
- Aesthetic finish
- 100% PEFC certified wood. FSC upon request

### Standard mounting

#### 6 point **Fire-resistant**



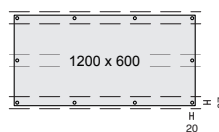
#### 8 point



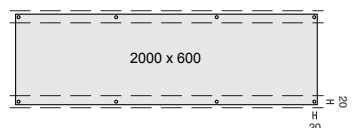
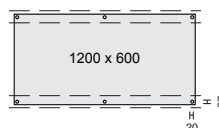
Always mount in the recommended pattern against a flat concrete surface.

### Wooden batten mounting / CD metal profiles

#### 15 mm panel thickness



#### 25-50 mm panel thickness



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			✓



# A2 Decorative panel

Wood Wool Panel in accordance with DIN EN 13168:2012+A1  
WW-EN 13168-L2-W1-T1-S2-P2-CS(10/Y)200-CI3

Panel range					
Panel thickness (T)	mm	15	25	35	50
R <sub>b</sub>	m <sup>2</sup> .K/W	0.15	0.30	0.40	0.60
Weight	kg/m <sup>2</sup>	7.5	12.5	17.5	25
Length (L)	mm	1200	1200/2000		
Width (W)	mm	600	600		
Panels / pallet		160	96	64	44
m <sup>2</sup> / pallet		115.20	69.12 / 115.20	46.80 / 76.80	31.68 / 52.80

Technical information								
Properties	Symbol	Description				Unit	Norm	
Fire classification	-	A2-s1, d0 <sup>1</sup>				-	EN 13501-1	
Fire-resistance	-	REI 60 (when mounted according to classification report no.: 16210B or 16211B)				-	EN 13501-2	
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	CI3				-	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>												
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	Options
Wood	100% PEFC certified
Finishing	2.0 mm
Colour	Nature tone (RAL 1015)
Edge finishing	Bevelled all round
Wood	100% FSC certified
Finishing	1.0 mm
Colour	White, RAL or NCS colour
Panel variant	Inlay

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 Customer Service department by phone at +31(0)162 42 12 45 or by e-mail at [info.nl@heraklith.com](mailto:info.nl@heraklith.com)

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



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