

# A2 DECORATIVE PANEL

International code: Heraklith A2-M

## DESCRIPTION

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. Moreover, concrete floors clad with A2 Decorative panels or when installed in a Richter grid ceiling system achieve a fire-resistance of 60 minutes\*.



## STANDARD VERSION

The Heraklith® A2 Decorative panel is produced with 100% FSC 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**  
A2-s1, d0



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



**Thermal resistance**  
 $R_b = 0.60$  (50 mm)



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

## ADVANTAGES

- ✓ Excellent fire-resistant properties (60 minutes)
- ✓ A2 fire rating, no drop formation and low smoke emissions when burning
- ✓ Good acoustic properties
- ✓ Moisture and mould resistant
- ✓ Aesthetic finish

## SPECIFICATIONS

Panel thickness (T) (mm)	R <sub>D</sub> (m <sup>2</sup> .K/W)	Weight (kg/m <sup>2</sup> )	Length (L) (mm)	Width (W) (mm)	Panels/pallet	Pallet (m <sup>2</sup> )
15	0,15	8.5	1200/2000	600	70	50.40 / 84.00
25	0,25	11.5	1200/2000	600	40	28.80 / 48.00
35	0,40	14.5	1000	600	30	18.00
50	0,55	19.5	1000	600	20	12.00

### Options

Finishing	10 mm
Colour	White (RAL 9003) or RAL
Panel variant	Inlay (thickness 25mm)

## CERTIFICATIONS



Always process our Heraklith wood wool panels according to our processing instructions. These can be found on [www.heraklith.co.uk/processinginstructions](http://www.heraklith.co.uk/processinginstructions)



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Wood Wool Panel in accordance with EN 13168:2012+A1

WW-EN 13168-L2-W1-T1-S2-P2-CS(10/Y)200-CI3

## TECHNICAL INFORMATION

Properties	Symbol	Description					Unit	Norm
Fire classification	-	A2-s1, d0					-	EN 13501-1
Fire-resistance	-	REI 60 (when mounted according to classification report no.: 16210B or 16211B)					-	EN 13501-2
Heat conductivity coefficient	$\lambda$	Wood wool: 0.090					[W/mK]	EN 12667
Compressive strength	$\sigma_m$	$\geq 150$					[kPa]	EN 826
Chloride levels	C	CI3					-	EN 13168
Tolerances	-	Thickness (T1)	Length (L2)	Width (W1)	Squareness (S2)	Flatness (P1)	[mm]	EN 13168
		[D $\leq$ 100] +3/-2	+3/-5	$\pm 3$	$\leq 2$	$\leq 6$		
DoP-code	W4302APCPR ( <a href="http://www.dopki.com">www.dopki.com</a> )							

## SOUND ABSORPTION COEFFICIENT

Panel type	F(Hz)	125	250	500	1000	2000	4000	$\alpha_w$	NRC	SAA	Report number
1. Concrete 2. Heraklith® [2mm], 25mm	$\alpha_s$ (1/1 octave)	0.06	0.13	0.27	0.63	0.91	0.66	<b>0.35</b>	0.50	-	A 2518-3-RA-001
1. Concrete 2. Heraklith® [1mm], 25mm	$\alpha_s$ (1/1 octave)	0.08	0.16	0.31	0.60	0.94	0.72	<b>0.35</b>	0.50	-	A 2828-2E-RA-001
1. Concrete 2. Cavity, 175mm 3. Heraklith® [2mm], 25mm	$\alpha_s$ (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
1. Concrete 2. Cavity, 135mm 3. Mineral wool, 40mm 4. Heraklith® [2mm], 25mm	$\alpha_s$ (1/1 octave)	0.44	0.87	0.27	0.90	0.84	0.95	<b>0.90</b>	0.85	-	A 2828-2E-RA001
1. Concrete 2. Heraklith® [2mm], 35mm	$\alpha_s$ (1/1 octave)	0.09	0.16	0.35	0.81	0.77	0.76	<b>0.40</b>	0.50	-	A 2518-3-RA-001
1. Concrete 2. Heraklith® [2mm], 50mm	$\alpha_s$ (1/1 octave)	0.15	0.33	0.62	0.87	0.75	0.85	<b>0.60</b>	0.65	-	A 2518-3-RA-001

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

## Do you want more information? Please contact us

### Knauf Insulation B.V.

PO Box 375  
4900 AJ Oosterhout  
The Netherlands

Tel: + 31 (0)162 - 42 12 45  
e-mail: [info.nl@knaufinsulation.com](mailto:info.nl@knaufinsulation.com)

[www.heraklith.nl](http://www.heraklith.nl)

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