

## HERAKLITH® A2 DECORATIVE PANEL

February 2023



### DESCRIPTION

Heraklith® A2 Decorative Panels are cement-bonded wood wool panels, specifically developed for the acoustic performance and decorative finish of walls and ceilings.

They are non-combustible with a Euroclass A2,s1-d0 reaction to fire classification, and can provide a fire resistance of up to 60 minutes when installed in a richter grid ceiling system or clad onto concrete soffits.

### PERFORMANCE

#### Thermal resistance

$R_D$ : (m<sup>2</sup>K/W)

0.263 (thickness 0.025 divided by  
lambda 0.095W/mK) (25mm)

#### Fire

Classification:

Euroclass A2-s1,d0 to BS EN 13501-1

#### Sound absorption

Alpha w:

max. 0.90

#### DoP

W4302APCPR ([www.dopki.com](http://www.dopki.com))

### BENEFITS

- ✓ Available as standard in nature tone, or in any RAL colour upon request
- ✓ Aesthetically pleasing; finished with bevelled edges
- ✓ Provides thermal, fire safety and acoustic performance
- ✓ Fixings available to match

## CERTIFICATIONS, CLASSIFICATIONS AND INDUSTRY STANDARDS



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## SPECIFICATIONS

Thickness (mm)	R <sub>p</sub> (m <sup>2</sup> K/W)	Weight (kg/m <sup>2</sup> )	Length (mm)	Width (mm)	Panels Per Pallet	Pallet (m <sup>2</sup> )
25	0.30	17.50	1200	600	40	28.80

## SOUND ABSORPTION COEFFICIENT

Panel type	Frequency (Hz)	125	250	500	1000	2000	4000	Alpha w	NRC*	Absorption Class	Report Number
1. Concrete 2. Heraklith® A2 Decorative Panel [2mm], 25mm	αs (1/1 octave)	0.06	0.13	0.27	0.63	0.91	0.66	<b>0.35</b>	0.50	0.50	A 2518-3-RA-001
1. Concrete 2. Cavity, 175mm 3. Heraklith® A2 Decorative Panel [2mm], 25mm	αs (1/1 octave)	0.21	0.56	0.65	0.52	0.65	0.82	<b>0.60</b>	0.60	0.59	A 2828-2E-RA001
1. Concrete 2. Cavity, 135mm 3. Heraklith® A2 Decorative Panel, 40mm 4. Heraklith® [2mm], 25mm	αs (1/1 octave)	0.44	0.87	0.27	0.90	0.84	0.95	<b>0.90</b>	0.85	0.88	A 2828-2E-RA001

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

\* Noise Reduction Coefficient

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## ADDITIONAL INFORMATION

### Durability

The product will have a life equivalent to that of the structure in which it is incorporated.

### Application

Heraklith® A2 Decorative Panels are specifically developed for the acoustic absorption and decorative finish of walls and ceilings.

Heraklith® A2 Decorative Panels are non-combustible with a Euroclass A2,s1-d0 reaction to fire classification.

### Aesthetics

Heraklith® A2 Decorative Panels are manufactured to a smooth finish and are available as standard in a nature tone colour with bevelled edges.

### Standards and Certification

Heraklith® A2 Decorative Panel is manufactured in accordance with EN 13168:2012+A1WW-EN 13168-L2-W1-T1-S2-P2-CS(10/Y)200-CL3, Energy Management Systems, ISO 14001 Environmental Management Systems, and ISO 9001 Quality Management Systems.

### Environmental

For further environmental information consult the relevant Environmental Product Declaration, available on our website.

### Handling and storage

Heraklith® A2 Decorative Panels are easy to handle and install. Heraklith® A2 Decorative Panels are supplied in recyclable polythene packs or loose on a hood wrapped pallet and should be stored indoors at all times.

### Knauf Insulation Ltd

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challenge.  
create.  
care.