



PRODUCT DESCRIPTION

Heraklith® A2 Decorative Panel is a cement-bonded wood wool panel, specifically developed for the acoustic performance and decorative finish of walls and ceilings.

It is 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.

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, ACCREDITATIONS AND INDUSTRY STANDARDS



APPLICATIONS



Exposed soffit floors



Internal walls



NON-COMBUSTIBLE
INSULATION

PERFORMANCE

THERMAL (W/mK)

0.095

FIRE CLASSIFICATION

A1	A2 s1,d0	B	C
D	E	F	

Euroclass reaction to fire classification

SOUND ABSORPTION

Alpha w: max 0.90

HERAKLITH® A2 DECORATIVE PANEL

Thickness (mm)	R _D (m²K/W)	Weight (kg/m²)	Length (mm)	Width (mm)	Panels Per Pallet	Pallet (m²)
25	0.30	17.50	1200	600	40	28.80

All dimensions are nominal.

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	0.35	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	0.60	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	0.90	0.85	0.88	A 2828-2E-RA001

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

* Noise Reduction Coefficient

Application

Heraklith® A2 Decorative Panel is specifically developed for the acoustic absorption and decorative finish of walls and ceilings. Heraklith® A2 Decorative Panel is non-combustible with a Euroclass A2,s1-d0 reaction to fire classification.

Standards and certification

Heraklith® A2 Decorative Panel is manufactured in accordance with EN 13168:2012+A1 WW-EN 13168-L2-W1-T1-S2-P2-CS(10/Y)200-Cl3, ISO 50001 Energy Management Systems, ISO 14001 Environmental Management Systems, ISO 45001 Occupational Health and Safety Management Systems and ISO 9001 Quality Management Systems.

System Testing

Knauf Insulation maintains declared product characteristics and qualities which are defined in detail in its Declaration of Performances (DoPs) and product literature. The product literature also includes information relating to Knauf Insulation's requirements and recommendations for installation of its products when being used as part of a system. Any party using, or planning to use, our products in a system (with or without system testing) where performance may be dependent on product characteristics not declared on our DoPs or our product literature, must contact our Technical Services Team.

Knauf Insulation will not accept liability for any failure in system performance due to product characteristics not declared on DoPs or product literature, or not agreed in a Service Level Agreement. In such an event, any warranty given in relation to those products will be invalidated.

Aesthetics

Heraklith® A2 Decorative Panel is manufactured to a smooth finish and is available as standard in a nature tone colour with bevelled edges. Heraklith® A2 Decorative Panel can be supplied in any RAL colour upon request and the panels can also be painted on site after installation with a water-based silicate spray paint.

Durability

Heraklith® A2 Decorative Panel is odourless, rot proof, non-hygroscopic, don't sustain vermin and will not encourage the growth of fungi, mould or bacteria. The product will have a life equivalent to that of the wall structures in which it is incorporated.

Sustainability

The overall environmental performance of our products is reported in their EPDs (Environmental Product Declarations) which are available on our website. EPDs are available for all our products in accordance with ISO 14025, ISO 21930 and EN 15804+A2.

Handling and Storage

Heraklith® A2 Decorative Panel should be stored properly and handled in such a way as to ensure that the product remains clean and undamaged.

The shrink-wrapped pallets used for the supply of Heraklith® A2 Decorative Panel are designed for short-term protection only. For longer term protection on site, the product should either be stored indoors or under cover and off the ground. Heraklith® A2 Decorative Panel should not be left permanently exposed to the elements.

If the main hood is removed or damaged, the panels should be kept under cover indoors or protected from the elements by a weatherproof cover. In coastal locations where weather is more extreme and bird damage is more common, use additional covering or store indoors.

The product must be protected from prolonged exposure to sunlight, and stored dry and flat.

Heraklith® A2 Decorative Panel is easy to handle; care should be exercised to avoid crushing its edges or corners. If damaged, the product should be discarded. Damaged, contaminated or wet products must not be used.

During construction exposed areas of panels should always be covered at the end of a day's work or in heavy rain. Polyethylene covers should be used to provide protection and prevent work from becoming saturated.

Knauf Insulation Ltd

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