

KNAUF

HERADESIGN® Fine



©Peter Smith

HERADESIGN® Fine is a Cradle to Cradle Certified® Gold*, acoustic ceiling and wall panel made from single layer, magnesite bonded wood wool (fibre width 2mm).

- Excellent sound absorption performance up to Class A when installed with an acoustic lining
- Suitable for areas that require high impact resistance
- Cradle to Cradle Certified® Gold for white and natural colours only

Build on us.

Characteristics		Detailed information																		
System		A2.1, A2.2		B2.1, B2.2						C2.1		S2.1								
Edge details *		VK-09	GK	AK-02/5	AK-03*	SK-04	SY-02													
		VK-10	AK-00	AK-02/10	*only available in 35 mm		SK-05													
		VK-10/5	AK-01	AK-02/20			SK-06													
*not all combinations edge/ board thickness are available																				
Dimensions (mm)		600 x 600, 625 x 625, 1200 x 600, 1250 x 625, additional sizes on request.																		
Thickness (mm)		15, 25, 35																		
Weight (kg/m ²)		8.2 (15mm), 13.3 (25mm), 17.5 (35mm)																		
Sound absorption*		Thickness (mm)	TCH (mm)	HERADESIGN® Acoustic lining (mm)	Acoustic lining (kg/m ³)	Frequencies (Hz), α_p					Entire range		Class							
						125	250	500	1000	2000	4000	NRC			α_w					
						25	55	0	0	0.05	0.15	0.30			0.75	0.80	0.70	0.50	0.35 (MH)	D
						25	100	0	0	0.15	0.45	0.75			0.55	0.60	0.80	0.60	0.60	C
						25	100	50	50	0.45	1.00	0.90			0.70	0.75	0.85	0.90	0.75 (L)	C
35	200	50	50	0.60	1.00	0.85	0.75	0.75	0.85	0.85	0.80 (L)	B								
*Other acoustic performances can be achieved.																				
Ball impact safety		Ball impact resistant according to DIN 18 032 /part 3 or class 1A according to EN 13964 annex D, Ball impact resistant for panel thicknesses ≥ 25mm																		
		<ul style="list-style-type: none"> Ceiling panelling system B2.1, B2.2, C2.1 Wall panelling system B2.1, B2.2, S2.1 																		
Fire resistance class		EI 30 (a←b): detailed structure according to usability certificate																		
Reaction to fire		Euroclass B-s1,d0																		
Thermal conductivity		$\lambda = 0.09$ W/mK according to EN 12667																		
Humidity resistance		Suitable for rooms with a constant humidity of up to 90%.																		
Application areas		A decorative and acoustically effective suspended ceiling and wall panel for use in interior spaces as well as roofed outdoor areas that are not directly exposed to environmental influences such as rain or pollutants.																		
Installation		The installation of HERADESIGN® acoustic panels should take place during the last phase of the job, and in temperature and humidity controlled conditions. All building activities which create dust must be completed before the start of installation. Store the panels flat and protect against moisture and dirt. The packaging does not protect the products against rain. HERADESIGN® products should be installed in strict accordance with Knauf Ceiling Solutions installation and storage guidelines.																		
Designation code		WW-EN 13168-L4-W2-T2-S2-P2-Cl3																		
Special information		<ul style="list-style-type: none"> Manufacturing tolerances in nominal dimensions: L4, W2, T2: ± 1mm, for lengths > 1250mm L4: ± 2mm Maximum changes in dimension in standard climate 23° C/50 % relative humidity: ± 1 % 																		
Cleanability																				
Colours		<h3>Standard colours</h3> <p>White* Nature** Black*** Granite Steel Green Marble Copper Oak Brass Sandstone Concrete</p> <p>*similar to RAL 9010 **similar to RAL 1015 ***similar to RAL 9005</p> <ul style="list-style-type: none"> Other colours from popular RAL and NCS colour systems are available. Deviations in colour and visual appearance may occur due to the rough fibre and panel surface. 																		
Sustainability																				