

# KNAUF

## HERADESIGN® Fine Alpha+



**Build on us.**



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Homogeneous wood wool panel with acoustic fleece and higher sound absorption with the same panel thickness.

- Fewer obstructions in the ceiling cavity, which facilitates installation, maintenance, disassembly and recycling easier
- The sound absorption performance is increased compared to a standard panel without increasing the thickness
- Available in 15, 25 and 35mm thicknesses and a variety of edge details of edge details

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						
*not all combinations edge/board thickness are available		VK-10	AK-00	AK-02/10			SK-05						
		VK-10/5	AK-01	AK-02/20			SK-06						
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/m²)		8.2 (15mm), 13.3 (25mm), 17.5 (35mm)											
Sound absorption		Thickness (mm)	TCH (mm)	Frequencies (Hz), $\alpha_w$					Entire range		Class		
				125	250	500	1000	2000	4000	NRC			$\alpha_w$
		15	45	0.10	0.25	0.60	0.85	0.70	0.80	0.60	0.55 (MH)		D
		15	100	0.25	0.60	0.80	0.75	0.65	0.80	0.70	0.75		C
		15	200	0.45	0.80	0.75	0.65	0.70	0.80	0.70	0.70 (L)		C
		25	55	0.10	0.30	0.75	0.90	0.75	0.80	0.70	0.60 (MH)		C
		25	100	0.25	0.65	0.75	0.65	0.70	0.70	0.70	0.70		C
		25	200	0.50	0.75	0.80	0.70	0.80	0.80	0.75	0.80		B
		35	35	0.10	0.25	0.55	0.95	0.65	0.85	0.60	0.55 (MH)		D
		35	65	0.15	0.45	0.90	0.80	0.80	0.80	0.75	0.75		C
35	200	0.45	0.80	0.80	0.80	0.85	0.85	0.80	0.85	B			
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 $\geq 25$ mm											
		<ul style="list-style-type: none"> <li>Ceiling panelling system B2.1, B2.2, C2.1</li> <li>Wall panelling system B2.1, B2.2</li> </ul>											
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"> <li>Manufacturing tolerances in nominal dimensions: L4, W2, T2: <math>\pm 1</math>mm, for lengths <math>&gt; 1250</math>mm L4: <math>\pm 2</math>mm</li> <li>Maximum changes in dimension in standard climate 23° C/50 % relative humidity: <math>\pm 1</math>‰</li> </ul>											
Cleanability													
Colours		<b>Standard colours</b>											
		White*	Nature**	Black***	Granite	Steel	Green Marble	Copper	Oak	Brass	Sandstone	Concrete	
		<p><b>Vario Design Colours</b></p> <p>*similar to RAL 9010                  **similar to RAL 1015                  ***similar to RAL 9005</p> <p>• 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.</p>											
Sustainability													