



**KNAUF**CEILING  
Solutions

## DATASHEET

# HERADESIGN<sup>®</sup> Superfine Alpha+



Homogeneous wood wool panels with acoustic fleece, 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 up to class A without increasing the thickness
- Available in 15, 25 and 35mm thicknesses and a wide range of edge details.

System	A2.1, A2.2	B2.1, B2.2				C2.1	S2.1					
<b>Edge details *</b> <small>* not all combinations edge/board thickness are available</small>	VK-09	GK	AK-02/5	AK-03	SK-04	SY-02						
	VK-10	AK-00	AK-02/10		SK-05							
	VK-10/5	AK-01	AK-02/20		SK-06							
<b>Dimensions (mm)</b>	600 x 600, 625 x 625, 1200 x 600, 1250 x 625, additional sizes on request.											
<b>Thickness (mm)</b>	15, 25, 35											
<b>Weight (kg/m²)</b>	7.8 (15mm), 12.8 (25mm), 16.5 (35mm)											
<b>Sound absorption</b>	Thickness (mm)	TCH (mm)	Frequencies (Hz), $\alpha_w$					Entire range		Class		
	15	45	125	250	500	1000	2000	4000	NRC	$\alpha_w$		D
	15	100	0.10	0.25	0.60	0.93	0.87	0.89	0.65	0.55 (MH)		B
	15	200	0.25	0.60	0.80	0.85	0.80	0.85	0.75	0.80		B
	25	25	0.45	0.80	0.80	0.75	0.85	0.90	0.80	0.80		D
	25	55	0.05	0.15	0.35	0.65	0.90	0.75	0.55	0.40 (MH)		C
	25	200	0.10	0.30	0.70	1.00	0.90	0.95	0.75	0.60 (MH)		A
	35	25	0.45	0.75	0.90	0.85	0.95	0.95	0.85	0.90		D
	35	35	0.05	0.20	0.50	0.90	0.75	0.85	0.60	0.50 (MH)		C
	35	200	0.10	0.20	0.50	0.90	0.75	0.85	0.60	0.50 (MH)		A
35	65	0.45	0.85	0.90	0.90	0.90	0.90	0.90	0.90	C		
35	200	0.45	0.85	0.90	0.90	0.90	0.90	0.90	0.90	A		
<b>Ball impact safety</b>	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 $\geq 25\text{mm}$ <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, S2.1</li> </ul>											
<b>Reaction to Fire</b>	Euroclass B-s1,d0											
<b>Thermal conductivity</b>	$\lambda = 0.09 \text{ W/mK}$ according to EN 12667											
<b>Humidity resistance</b>	Suitable for rooms with a constant humidity of up to 90%. For applications where there is a constant relative air humidity in excess of 80%, expert advice for building physics is recommended.											
<b>Application areas</b>	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.											
<b>Installation</b>	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.											
<b>Designation code</b>	WW-EN 13168-L4-W2-T2-S2-P2-CI3											
<b>Special information</b>	<ul style="list-style-type: none"> <li>Manufacturing tolerances in nominal dimensions: L4, W2, T2: <math>\pm 1 \text{ mm}</math>, for lengths <math>&gt; 1250\text{mm}</math> L4: <math>\pm 2 \text{ mm}</math></li> <li>Maximum changes in dimension in standard climate 23° C/50 % relative humidity: <math>\pm 1 \text{ ‰}</math></li> </ul>											
<b>Cleanability</b>												
<b>Colours</b>	Standard colours		Vario Design colours									
	 White Similar to RAL 9010	 Beige Natural tone 13	 Granite	 Steel	 Green Marble	 Copper	 Oak	 Brass	 Sandstone	 Concrete		
<ul style="list-style-type: none"> <li>Other colours from popular RAL and NCS colour systems are available.</li> <li>Deviations in colour and visual appearance may occur due to the rough fibre and panel surface.</li> </ul>												
<b>Sustainability</b>												

Products may vary from country to country. Please contact your local sales representative. For further information and legal notice, please visit our website.