

KNAUF

HERADESIGN® Superfine A2 Plus

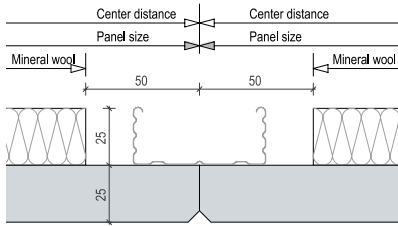
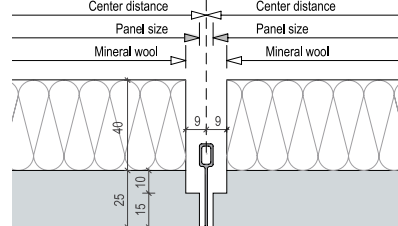
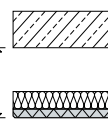


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HERADESIGN® Superfine A2 Plus is a two layer acoustic ceiling and wall panel that provides additional fire protection.

- Two-layer acoustic panel as a composite product with mineral wool absorber
- Provides trickle protection
- Excellent sound absorption performance

Build on us.

Characteristics		Detailed information																																																																							
System		B2.1, B2.2						C2.1																																																																	
Edge details		AK-01 Plus						SK-04 Plus																																																																	
																																																																									
Dimensions (mm)		1200 x 600																																																																							
Thickness (mm)		40				50				65																																																															
		15/25				25/25				25/40																																																															
Weight (kg/m²)		14.3				20.3				21.6																																																															
Sound absorption		<table><tr><th rowspan="2">Thickness (mm)</th><th rowspan="2">TCH (mm)</th><th rowspan="2">HERADESIGN® Acoustic lining (mm)</th><th rowspan="2">(kg/m²)</th><th colspan="6">Frequencies (Hz), α_p</th><th colspan="2">Entire range</th><th rowspan="2">Class</th></tr><tr><th>125</th><th>250</th><th>500</th><th>1000</th><th>2000</th><th>4000</th><th>NRC</th><th>α_w</th></tr><tr><td>25</td><td>55</td><td>25</td><td>90</td><td>0.15</td><td>0.65</td><td>1.00</td><td>0.80</td><td>0.70</td><td>0.90</td><td>0.80</td><td>0.80</td><td>B</td></tr><tr><td>25</td><td>200</td><td>25</td><td>90</td><td>0.55</td><td>0.90</td><td>0.90</td><td>0.80</td><td>0.75</td><td>0.90</td><td>0.85</td><td>0.80</td><td>A</td></tr><tr><td>25</td><td>200</td><td>40</td><td>90</td><td>0.60</td><td>0.95</td><td>0.90</td><td>0.80</td><td>0.75</td><td>0.95</td><td>0.85</td><td>0.80 (L)</td><td>A</td></tr></table>												Thickness (mm)	TCH (mm)	HERADESIGN® Acoustic lining (mm)	(kg/m²)	Frequencies (Hz), α _p						Entire range		Class	125	250	500	1000	2000	4000	NRC	α _w	25	55	25	90	0.15	0.65	1.00	0.80	0.70	0.90	0.80	0.80	B	25	200	25	90	0.55	0.90	0.90	0.80	0.75	0.90	0.85	0.80	A	25	200	40	90	0.60	0.95	0.90	0.80	0.75	0.95	0.85	0.80 (L)	A
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*Other acoustic performances can be achieved.																																																																									
Reaction to fire		Euroclass A2-s1,d0																																																																							
Thermal resistance		15/25 0.80 m²K/W				25/25 0.90 m²K/W				25/40 1.35 m²K/W																																																															
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-L4W2-T2-S2-P2,TR5-CL3																																																																							
Special information		• 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		 Vario Design Colours White* Nature** Black*** Granite Steel Green Marble Copper Oak Brass Sandstone Concrete *similar to RAL 9010 **similar to RAL 1015 ***similar to RAL 9005 • 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		 FSC Institut Bauen und Umwelt e.V. www.blauer-engel.de/uz132 EN 15904 VERIFIED PEFC SundaHus M1 THE INDOOR CLIMATE LABEL																																																																							