

# KNAUF

## HERADESIGN® Superfine



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HERADESIGN® Superfine is a single layer magnesite bonded wood wool acoustic ceiling and wall panel (fibre width 1mm).

- Fine surface texture
- Building biology recommended
- 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 *															
				*only available in 35 mm											
*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/m²)	7.8 (15mm), 12.6 (25mm), 16.5 (35mm)														
Sound absorption		Thickness (mm)	TCH (mm)	HERADESIGN® Acoustic lining (mm)	(kg/m³)	Frequencies (Hz), $\alpha_p$					Entire range		Class		
		25	55	0	0	125	250	500	1000	2000	4000	NRC	$\alpha_w$		
		25	55	25	90	0.10	0.20	0.55	0.85	0.65	0.80	0.55	0.50 (MH)		D
		25	200	0	0	0.15	0.55	1.00	1.00	0.80	1.00	0.90	0.80 (H)		B
		25	200	25	90	0.30	0.80	0.75	0.60	0.70	0.85	0.70	0.70 (LH)		C
*Other acoustic performances can be achieved.		25	200	25	90	0.45	0.95	1.00	1.00	0.95	1.00	1.00	1.00	A	
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 $\geq$ 25mm													
		<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>													
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"> <li>Manufacturing tolerances in nominal dimensions: L4, W2, T2: <math>\pm</math> 1mm, for lengths <math>&gt;</math> 1250mm L4: <math>\pm</math> 2mm</li> <li>Maximum changes in dimension in standard climate 23° C/50 % relative humidity: <math>\pm</math> 1 %</li> </ul>														
Cleanability															
Colours		<h3>Standard colours</h3> <p><b>Vario Design Colours</b></p> <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"> <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>													
Sustainability															