



**KNAUF**CEILING  
Solutions

## DATASHEET

# HERADESIGN<sup>®</sup> Macro



HERADESIGN<sup>®</sup> Macro is a acoustic ceiling and wall panel made from single layer, magnesite bonded wood wool (fibre width 3mm).

- Suitable for areas that require high impact resistance
- Good sound absorption performance

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								
		AK-00	AK-02/10		SK-05									
		AK-01	AK-02/20		SK-06									
Dimensions (mm)	600 x 600, 1200 x 600, additional sizes on request.													
Thickness (mm)	25													
Weight (kg/m²)	12.4													
Sound absorption	Thickness (mm)	TCH (mm)	HERADESIGN® (mm)	Acoustic lining (kg/m²)	Frequencies (Hz), $\alpha_p$						Entire range $\alpha_w$		Class	
	25	55	0	0	125	250	500	1000	2000	4000	NRC	$\alpha_w$	D	
	25	55	25	90	0.10	0.40	0.85	0.65	0.70	0.75	0.65	0.65	C	
	25	200	0	0	0.20	0.80	0.95	0.60	0.75	0.75	0.75	0.70(LM)	C	
	25	200	25	90	0.50	0.75	0.50	0.50	0.70	0.75	0.65	0.55 (LH)	C	
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, S2.1</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-CI3													
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	Standard colours		VD Vario Design colours											
	White Similar to RAL 9010	Beige Natural tone 13	Granite	Steel	Green Marble	Copper	Oak	Brass	Sandstone	Concrete				
Sustainability	<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>													

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