

KNAUF

HERADESIGN[®] Macro


















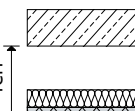



















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HERADESIGN[®] Macro is a acoustic ceiling and wall panel made from single layer, magnesite bonded wood wool (fibre width 3mm).

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

Build on us.

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				 AK-00	 AK-02/10	*only available in 35 mm		 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® Acoustic lining (mm)	(kg/m³)	Frequencies (Hz), α_p					Entire range		Class	
*Other acoustic performances can be achieved.		25	55	0	0	0.10	0.25	0.70	0.70	0.60	0.75	0.55	0.55 (H)	D	
		25	100	50	50	0.45	1.00	0.80	0.60	0.75	0.80	0.85	0.70(L)	C	
		25	200	50	50	0.60	0.95	0.75	0.65	0.75	0.75	0.80	0.75 (L)	C	
		25	400	50	50	0.65	0.75	0.80	0.65	0.75	0.80	0.75	0.75	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 ≥ 25 mm												
			<ul style="list-style-type: none">Ceiling panelling system B2.1, B2.2, C2.1Wall panelling system B2.1, B2.2												
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">Manufacturing tolerances in nominal dimensions: L4, W2, T2: ± 1 mm, for lengths > 1250mm L4: ± 2 mmMaximum changes in dimension in standard climate 23° C/50 % relative humidity: ± 1 %												
Cleanability															
Colours			<h2>Standard colours</h2> <div></div> <p>Vario Design Colours</p> <p>*similar to RAL 9010 **similar to RAL 1015 ***similar to RAL 9005</p> <ul style="list-style-type: none">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		