



## HERADESIGN® Plano

HERADESIGN® Plano is a single layer magnesite bonded wood wool acoustic ceiling and wall panel.

- Smooth surface texture
- Building biology recommended
- Cradle to Cradle Certified® Gold for white and natural colours only



<b>System</b>	A2.1, A2.2	B2.1, B2.2	C2.1	S2.1																																																																				
<b>Edge details</b>	VK-09	AK-01	SK-04	SY-02																																																																				
<b>Dimensions [mm]</b>	600 x 600, 1200 x 600, additional sizes on request.																																																																							
<b>Thickness [mm]</b>	25																																																																							
<b>Weight [kg/m²]</b>	15.0																																																																							
<b>Sound absorption</b>	<table border="1"> <thead> <tr> <th rowspan="2">Thickness [mm]</th> <th rowspan="2">TCH [mm]</th> <th rowspan="2">HERADESIGN [mm]</th> <th rowspan="2">Acoustic lining [kg/m³]</th> <th colspan="6">Frequencies [Hz], <math>\alpha_w</math></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><math>\alpha_w</math></th> </tr> </thead> <tbody> <tr> <td>25</td> <td>55</td> <td>0</td> <td>0</td> <td>0.20</td> <td>0.40</td> <td>0.40</td> <td>0.30</td> <td>0.30</td> <td>0.35</td> <td>0.35</td> <td>0.35 (L)</td> <td>D</td> </tr> <tr> <td>25</td> <td>55</td> <td>25</td> <td>90</td> <td>0.40</td> <td>0.40</td> <td>0.30</td> <td>0.25</td> <td>0.25</td> <td>0.30</td> <td>0.30</td> <td>0.30 (L)</td> <td>D</td> </tr> <tr> <td>25</td> <td>225</td> <td>25</td> <td>90</td> <td>0.45</td> <td>0.50</td> <td>0.45</td> <td>0.35</td> <td>0.35</td> <td>0.40</td> <td>0.45</td> <td>0.40 (L)</td> <td>D</td> </tr> </tbody> </table>												Thickness [mm]	TCH [mm]	HERADESIGN [mm]	Acoustic lining [kg/m³]	Frequencies [Hz], $\alpha_w$						Entire range		Class	125	250	500	1000	2000	4000	NRC	$\alpha_w$	25	55	0	0	0.20	0.40	0.40	0.30	0.30	0.35	0.35	0.35 (L)	D	25	55	25	90	0.40	0.40	0.30	0.25	0.25	0.30	0.30	0.30 (L)	D	25	225	25	90	0.45	0.50	0.45	0.35	0.35	0.40	0.45	0.40 (L)	D
Thickness [mm]	TCH [mm]	HERADESIGN [mm]	Acoustic lining [kg/m³]	Frequencies [Hz], $\alpha_w$						Entire range		Class																																																												
				125	250	500	1000	2000	4000	NRC	$\alpha_w$																																																													
25	55	0	0	0.20	0.40	0.40	0.30	0.30	0.35	0.35	0.35 (L)	D																																																												
25	55	25	90	0.40	0.40	0.30	0.25	0.25	0.30	0.30	0.30 (L)	D																																																												
25	225	25	90	0.45	0.50	0.45	0.35	0.35	0.40	0.45	0.40 (L)	D																																																												
<b>Ball impact safety</b>	<p>Ball impact resistant according to DIN 18 032 /part 3 or class 1A according to EN 13964 annex D</p> <p>Ceiling panelling system B2.1, B2.2, C2.1      Wall panelling system B2.1, B2.2, S2.1</p>																																																																							
<b>Fire resistance class</b>	EI 30 (a-b)																																																																							
<b>Fire reaction</b>	Euroclass B-s1,d0																																																																							
<b>Thermal conductivity</b>	$\lambda = 0.10 \text{ W/mK}$ 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>Cleanability</b>																																																																								
<b>Sustainability</b>																																																																								
<b>Area of application</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-C13																																																																							
<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\%</math></li> </ul>																																																																							
<b>Colours</b>	<table border="1"> <thead> <tr> <th>White</th> <th>Beige</th> <th>Pastel colours</th> <th>Solid colours</th> <th>Special colours</th> </tr> </thead> <tbody> <tr> <td>similar to RAL 9010</td> <td>Natural tone 13</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <ul style="list-style-type: none"> <li>The unique and natural structure of HERADESIGN® wood wool makes it an ideal solution for projects requiring creative colour schemes. Choose from an almost unlimited range of popular RAL and NCS colour systems.</li> <li>Deviations in colour and visual appearance may occur due to the rough fibre and panel surface.</li> </ul>												White	Beige	Pastel colours	Solid colours	Special colours	similar to RAL 9010	Natural tone 13																																																					
White	Beige	Pastel colours	Solid colours	Special colours																																																																				
similar to RAL 9010	Natural tone 13																																																																							

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