



HERADESIGN® Micro plus

HERADESIGN® Micro plus is a two layer magnesite bonded wood wool acoustic ceiling and wall panel.

- Provides trickle protection



| System | B2.1, B2.2 | | C2.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|---------------------------------|------------------------------------|---------------------------------|------------------------------------|------------------------------|-----------------|---------------------|-----------------|-------------------------|------------|-------------------------|--|-------|---|---|---|---|-----|---|-----|------|------|------|-----|------------|--|----|-----|----|----|------|------|------|------|------|------|------|----------|---|----|-----|----|----|------|------|------|------|------|------|------|----------|---|--|--|--|
| Edge details | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thickness [mm] | 50 | | 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Weight [kg/m²] | 17.3 | | 18.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dimensions [mm] | 1200 x 600 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sound absorption | <table border="1"> <thead> <tr> <th>Thickness [mm]</th> <th>TCH [mm]</th> <th>HERADESIGN Acoustic lining [mm]</th> <th>HERADESIGN Acoustic lining [kg/m³]</th> <th colspan="6">Frequencies [Hz], α_p</th> <th colspan="2">Entire range α_w</th> <th>Class</th> </tr> <tr> <th></th> <th></th> <th></th> <th></th> <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> <th></th> </tr> </thead> <tbody> <tr> <td>25</td> <td>225</td> <td>25</td> <td>90</td> <td>0.45</td> <td>0.45</td> <td>0.40</td> <td>0.30</td> <td>0.25</td> <td>0.35</td> <td>0.35</td> <td>0.30 (L)</td> <td>D</td> </tr> <tr> <td>25</td> <td>225</td> <td>40</td> <td>90</td> <td>0.50</td> <td>0.45</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> </tbody> </table> | Thickness [mm] | TCH [mm] | HERADESIGN Acoustic lining [mm] | HERADESIGN Acoustic lining [kg/m³] | Frequencies [Hz], α_p | | | | | | Entire range α_w | | Class | | | | | 125 | 250 | 500 | 1000 | 2000 | 4000 | NRC | α_w | | 25 | 225 | 25 | 90 | 0.45 | 0.45 | 0.40 | 0.30 | 0.25 | 0.35 | 0.35 | 0.30 (L) | D | 25 | 225 | 40 | 90 | 0.50 | 0.45 | 0.40 | 0.30 | 0.30 | 0.35 | 0.35 | 0.35 (L) | D | | | |
| Thickness [mm] | TCH [mm] | HERADESIGN Acoustic lining [mm] | HERADESIGN Acoustic lining [kg/m³] | Frequencies [Hz], α_p | | | | | | Entire range α_w | | Class | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 125 | 250 | 500 | 1000 | 2000 | 4000 | NRC | α_w | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | 225 | 25 | 90 | 0.45 | 0.45 | 0.40 | 0.30 | 0.25 | 0.35 | 0.35 | 0.30 (L) | D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | 225 | 40 | 90 | 0.50 | 0.45 | 0.40 | 0.30 | 0.30 | 0.35 | 0.35 | 0.35 (L) | D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fire reaction | Euroclass B-s1, d0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thermal resistance | 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%. For applications where there is a constant relative air humidity in excess of 80%, expert advice for building physics is recommended. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cleanability | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sustainability | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Area of application | Acoustic ceiling and wall panels for use in interior spaces as well as in protected outdoor areas that are not directly influenced by weather conditions. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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-CI3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Special information | <ul style="list-style-type: none"> Manufacturing tolerances in nominal dimensions: L4, W2, T2: ± 1 mm, for lengths > 1250mm L4: ± 2mm Max. changes in dimension in standard climate 23°C/50% rel. humidity: ± 1‰ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Colours | <table border="1"> <thead> <tr> <th>White</th> <th>Beige</th> <th>Pastel colours</th> <th>Solid colours</th> <th>Metallic 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> <td></td> </tr> <tr> <td>●</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> </tr> </tbody> </table> | White | Beige | Pastel colours | Solid colours | Metallic colours | Special colours | similar to RAL 9010 | Natural tone 13 | | | | | ● | ● | ● | ● | ● | ● | <ul style="list-style-type: none"> 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. Deviations in colour and visual appearance may occur due to the rough fibre and panel surface. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White | Beige | Pastel colours | Solid colours | Metallic colours | Special colours | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| ● | ● | ● | ● | ● | ● | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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