



## AMF THERMATEX® Antaris C



- Ceiling tiles of the THERMATEX® Antaris C are made from a new generation bio-soluble mineral wool, clay and starch with excellent fire resistance and acoustic performance. The tile's tissue facing offers an excellent plain, white finish along with good performance in sound absorption
- Good sound absorption (0.65 (H)  $\alpha_w$ )
- High light reflectance (86%)
- ISO 5
- Ideal for retail, offices and meeting rooms, installations rooms or production areas



| <b>Edge details</b><br>Additional edge details on request |                          | Board<br>   |                         |                          |      |      |      |      |      |                           |      |      |      |      |      |      |
|---|--------------------------|---|-------------------------|--------------------------|------|------|------|------|------|---------------------------|------|------|------|------|------|------|
| <b>Thickness (mm)</b>                                     |                          | 13  |                         |                          |      |      |      |      |      |                           |      |      |      |      |      |      |
| <b>Dimensions (mm)</b><br>Additional sizes on request     |                          | 600 x 600<br>1200 x 600   |                         |                          |      |      |      |      |      |                           |      |      |      |      |      |      |
| <b>System</b>   |                          | Exposed demountable - System C<br>Exposed - Bandraster, demountable - System I.3<br>Exposed - Corridor, demountable - System F.3  |                         |                          |      |      |      |      |      |                           |      |      |      |      |      |      |
| <b>Weight</b>   |                          | 3.0 kg / m <sup>2</sup>   |                         |                          |      |      |      |      |      |                           |      |      |      |      |      |      |
| <b>Colour</b>   |                          | White   |                         |                          |      |      |      |      |      |                           |      |      |      |      |      |      |
| <b>Sound absorption</b>                                   |                          | EN ISO 354<br>$\alpha_w = \mathbf{0.65 (H)}$ as per EN ISO 11654 - <b>Class C</b><br><table border="1" data-bbox="427 913 1469 992"> <thead> <tr> <th>Frequency <i>f</i> (Hz)</th> <th>125</th> <th>250</th> <th>500</th> <th>1000</th> <th>2000</th> <th>4000</th> </tr> </thead> <tbody> <tr> <td><math>\alpha_p</math> Board, Tegular</td> <td>0.40</td> <td>0.60</td> <td>0.60</td> <td>0.65</td> <td>0.85</td> <td>1.00</td> </tr> </tbody> </table> NRC = <b>0.70</b> as per ASTM C 423 | Frequency <i>f</i> (Hz) | 125                      | 250  | 500  | 1000 | 2000 | 4000 | $\alpha_p$ Board, Tegular | 0.40 | 0.60 | 0.60 | 0.65 | 0.85 | 1.00 |
| Frequency <i>f</i> (Hz)                                   | 125                      | 250   | 500                     | 1000                     | 2000 | 4000 |      |      |      |                           |      |      |      |      |      |      |
| $\alpha_p$ Board, Tegular                                 | 0.40                     | 0.60  | 0.60                    | 0.65                     | 0.85 | 1.00 |      |      |      |                           |      |      |      |      |      |      |
| <b>Sound attenuation</b>                                  |                          | EN ISO 10848-2<br>$D_{n,f,w} = \mathbf{29 dB}$ as per EN ISO 717-1  |                         |                          |      |      |      |      |      |                           |      |      |      |      |      |      |
| <b>Sound reduction</b>                                    |                          | EN ISO 10140-2<br>$R_w = \mathbf{18 dB}$ as per EN ISO 717-1  |                         |                          |      |      |      |      |      |                           |      |      |      |      |      |      |
| <b>Fire reaction</b>                                      |                          | Euroclass <b>A2-s1, d0</b> as per EN 13501-1<br>RUS <b>KM1 (G1, V1, D1, T1)</b> as per FZ 123   |                         |                          |      |      |      |      |      |                           |      |      |      |      |      |      |
| <b>Light reflectance</b>                                  |                          | 86%   |                         |                          |      |      |      |      |      |                           |      |      |      |      |      |      |
| <b>Thermal conductivity</b>                               |                          | $\lambda = \mathbf{0.060 W/m K}$ as per EN 12667  |                         |                          |      |      |      |      |      |                           |      |      |      |      |      |      |
| <b>Humidity resistance</b>                                |                          | 90% RH  |                         |                          |      |      |      |      |      |                           |      |      |      |      |      |      |
| <b>Clean room</b>   |                          | ISO 5 as per EN ISO 14644-1   |                         |                          |      |      |      |      |      |                           |      |      |      |      |      |      |
| <b>Indoor air quality</b>                                 |                          | <table border="0"> <tr> <td data-bbox="427 1648 523 1738"> <br/>A+                 </td> <td data-bbox="564 1648 660 1738"> <br/>E1                 </td> </tr> </table>  | <br>A+                  | <br>E1                   |      |      |      |      |      |                           |      |      |      |      |      |      |
| <br>A+  | <br>E1                   |   |                         |                          |      |      |      |      |      |                           |      |      |      |      |      |      |
| <b>Cleanability</b>                                       |                          |   |                         |                          |      |      |      |      |      |                           |      |      |      |      |      |      |
| <b>Sustainability</b>                                     |                          | <table border="0"> <tr> <td data-bbox="427 1901 523 1991"> <br/>43%                 </td> <td data-bbox="564 1901 660 1991"> <br/>IC 1272/2008 Annex G                 </td> <td data-bbox="702 1901 798 1991"> </td> <td data-bbox="839 1901 935 1991"> </td> </tr> </table>   | <br>43%                 | <br>IC 1272/2008 Annex G |      |      |      |      |      |                           |      |      |      |      |      |      |
| <br>43%   | <br>IC 1272/2008 Annex G |   |                         |                          |      |      |      |      |      |                           |      |      |      |      |      |      |

Products may vary from country to country.  
 Please contact your local sales representative.  
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