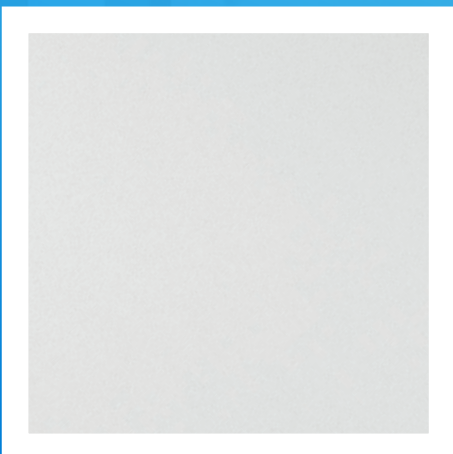




AMF THERMATEX® dB Acoustic

- AMF THERMATEX® dB Acoustic is the ideal solution for spaces requiring excellent sound attenuation and good sound absorption. It provides a simple yet timeless design finish to any space
- Good sound absorption (0.65 (H) α_w)
- Excellent sound attenuation (24mm thickness: 41 dB - 30mm thickness: 43dB)
- Excellent light reflectance (88%)
- ISO 4
- Ideal for offices, meeting rooms and learning applications or corridors



AMF THERMATEX® dB ACOUSTIC

| Edge details Additional edge details on request | | Board | Tegular 24 | Tegular 15 | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------------------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|---------------------------------------------------------------------|------------------|------|-----|-----|------|------|------|-------------------------------------------------|------|------|------|------|------|------|-------------------------|------|------|------|------|------|------|
| Thickness (mm) | | 24, 30 | 24 | 24 | | | | | | | | | | | | | | | | | | | | | |
| Dimensions (mm) Additional sizes on request | | 600 x 600 | 600 x 600 | 600 x 600 | | | | | | | | | | | | | | | | | | | | | |
| System | | Exposed demountable - System C | | | | | | | | | | | | | | | | | | | | | | | |
| Weight | | 8.6 - 10.6 kg / m ² | | | | | | | | | | | | | | | | | | | | | | | |
| Colour | | White | | | | | | | | | | | | | | | | | | | | | | | |
| Sound absorption | | EN ISO 354 $\alpha_w = 0.65$ (H) as per EN ISO 11654 - Class C <table border="1"> <thead> <tr> <th>Frequency f (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>α_p Board (24mm), Tegular 24, Tegular 15</td> <td>0.40</td> <td>0.45</td> <td>0.60</td> <td>0.80</td> <td>0.95</td> <td>0.95</td> </tr> <tr> <td>α_p Board (30mm)</td> <td>0.35</td> <td>0.40</td> <td>0.65</td> <td>0.85</td> <td>0.90</td> <td>0.95</td> </tr> </tbody> </table> NRC = 0.70 as per ASTM C 423 | | | Frequency f (Hz) | 125 | 250 | 500 | 1000 | 2000 | 4000 | α_p Board (24mm), Tegular 24, Tegular 15 | 0.40 | 0.45 | 0.60 | 0.80 | 0.95 | 0.95 | α_p Board (30mm) | 0.35 | 0.40 | 0.65 | 0.85 | 0.90 | 0.95 |
| Frequency f (Hz) | 125 | 250 | 500 | 1000 | 2000 | 4000 | | | | | | | | | | | | | | | | | | | |
| α_p Board (24mm), Tegular 24, Tegular 15 | 0.40 | 0.45 | 0.60 | 0.80 | 0.95 | 0.95 | | | | | | | | | | | | | | | | | | | |
| α_p Board (30mm) | 0.35 | 0.40 | 0.65 | 0.85 | 0.90 | 0.95 | | | | | | | | | | | | | | | | | | | |
| Sound attenuation | | EN ISO 10848-2 $D_{n,f,w} = 41$ dB (24mm) as per EN ISO 717-1 CAC = 43 dB (24mm) as per ASTM E 413-10 | | $D_{n,f,w} = 43$ dB (30mm) as per EN ISO 717-1 | | | | | | | | | | | | | | | | | | | | | |
| Sound reduction | | EN ISO 10140-2 $R_w = 24$ dB (24mm) as per EN ISO 717-1 | | $R_w = 25$ dB (30mm) as per EN ISO 717-1 | | | | | | | | | | | | | | | | | | | | | |
| Fire reaction | | Euroclass A2-s1, d0 as per EN 13501-1 Class A as per ASTM E 84 | | RUS KM1 (G1, V1, D1, T1) as per 123-FZ | | | | | | | | | | | | | | | | | | | | | |
| Light reflectance | | 88% | | | | | | | | | | | | | | | | | | | | | | | |
| Thermal conductivity | | $\lambda = 0.075$ W/mk as per EN 12667 | | | | | | | | | | | | | | | | | | | | | | | |
| Air permeability | | PM1 (≤ 30 m ³ /hm ²) as per DIN 18177 | | | | | | | | | | | | | | | | | | | | | | | |
| Humidity resistance | | 95% RH | | | | | | | | | | | | | | | | | | | | | | | |
| Clean room | | ISO 4 as per EN ISO 14644-1 | | | | | | | | | | | | | | | | | | | | | | | |
| Indoor air quality | | A+ | E1 | IACG | | | | | | | | | | | | | | | | | | | | | |
| Cleanability | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sustainability | | EN ISO 14021 39% | EN ISO 14025 | EC 1272/2008 Annex Q M1 www.blauer-engel.de/uz132 | | | | | | | | | | | | | | | | | | | | | |

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