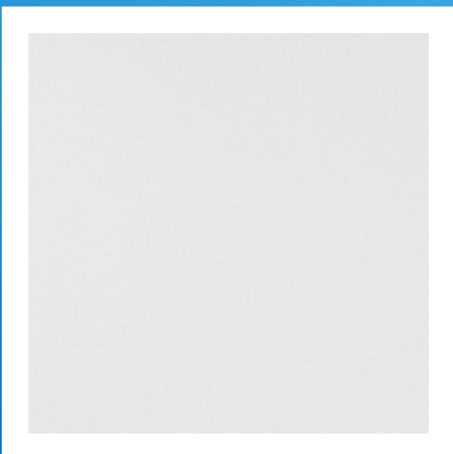

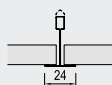
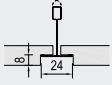
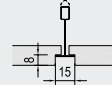


























## AMF THERMATEX® Thermofon

- THERMATEX® Thermofon with its white acoustic fleece provides a smooth surface and a modern design. At the same time it is distinctive for its high noise absorption values
- High sound absorption (0.80 (H)  $\alpha_w$ )
- Excellent light reflectance (88%)
- ISO 4
- Ideal for offices, classrooms and learning applications



|   |   |   |  |  |                  |      |     |     |      |      |      |            |      |      |      |      |      |      |
|---|---|---|--|--|------------------|------|-----|-----|------|------|------|------------|------|------|------|------|------|------|
| <b>Edge details</b><br><br>Additional edge details on request |                    | Board<br>  | Tegular 24/90<br> | Tegular 15/90<br> |                  |      |     |     |      |      |      |            |      |      |      |      |      |      |
| <b>Thickness (mm)</b>   |                    | 15  | 15   | 15   |                  |      |     |     |      |      |      |            |      |      |      |      |      |      |
| <b>Dimensions (mm)</b><br><br>Additional sizes on request     |                    | 600 x 600<br>625 x 625<br>1200 x 600<br>1250 x 625  | 600 x 600<br>625 x 625<br>1200 x 600   | 600 x 600<br>625 x 625<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>   |                    | 2.9 kg / m²   |  |  |                  |      |     |     |      |      |      |            |      |      |      |      |      |      |
| <b>Colour</b>   |                    | White   |  |  |                  |      |     |     |      |      |      |            |      |      |      |      |      |      |
| <b>Sound absorption</b>                                       |                    | EN ISO 354<br>$\alpha_w = \mathbf{0.80 (H)}$ as per EN ISO 11654 - <b>Class B</b> <table><tr><td>Frequency f (Hz)</td><td>125</td><td>250</td><td>500</td><td>1000</td><td>2000</td><td>4000</td></tr><tr><td><math>\alpha_p</math></td><td>0.55</td><td>0.75</td><td>0.75</td><td>0.80</td><td>0.95</td><td>1.00</td></tr></table> Board, Tegular<br>NRC = <b>0.85</b> as per ASTM C 423 |  |  | Frequency f (Hz) | 125  | 250 | 500 | 1000 | 2000 | 4000 | $\alpha_p$ | 0.55 | 0.75 | 0.75 | 0.80 | 0.95 | 1.00 |
| Frequency f (Hz)  | 125   | 250   | 500  | 1000   | 2000             | 4000 |     |     |      |      |      |            |      |      |      |      |      |      |
| $\alpha_p$  | 0.55  | 0.75  | 0.75   | 0.80   | 0.95             | 1.00 |     |     |      |      |      |            |      |      |      |      |      |      |
| <b>Sound attenuation</b>                                      |                  | EN ISO 10848-2<br>$D_{n,f,w} = \mathbf{28\ dB}$ as per EN ISO 717-1   |  |  |                  |      |     |     |      |      |      |            |      |      |      |      |      |      |
| <b>Sound reduction</b>  |                  | EN ISO 10140-2<br>$R_w = \mathbf{13\ dB}$ as per EN ISO 717-1   |  |  |                  |      |     |     |      |      |      |            |      |      |      |      |      |      |
| <b>Fire reaction</b>  |                  | Euroclass <b>A2-s1, d0</b> as per EN 13501-1<br><br>RUS <b>KM1 (G1, V1, D1, T1)</b> as per FZ 123   |  |  |                  |      |     |     |      |      |      |            |      |      |      |      |      |      |
| <b>Light reflectance</b>                                      |                  | <b>88%</b>  |  |  |                  |      |     |     |      |      |      |            |      |      |      |      |      |      |
| <b>Thermal conductivity</b>                                   |                  | $\lambda = \mathbf{0.040\ W/m\ K}$ as per EN 12667  |  |  |                  |      |     |     |      |      |      |            |      |      |      |      |      |      |
| <b>Humidity resistance</b>                                    |                  | <b>95% RH</b>   |  |  |                  |      |     |     |      |      |      |            |      |      |      |      |      |      |
| <b>Clean room</b>   |                  | <b>ISO 4</b> as per EN ISO 14644-1  |  |  |                  |      |     |     |      |      |      |            |      |      |      |      |      |      |
| <b>Indoor air quality</b>                                     |                  | <br>A+   | <br>E1          |  |                  |      |     |     |      |      |      |            |      |      |      |      |      |      |
| <b>Cleanability</b>   |                  |    |  |  |                  |      |     |     |      |      |      |            |      |      |      |      |      |      |
| <b>Sustainability</b>   | <br>EN ISO 14021 | <br>EC 1272/2008 Annex Q   | <br>BLAUER ENGE | <br>M1          |                  |      |     |     |      |      |      |            |      |      |      |      |      |      |

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