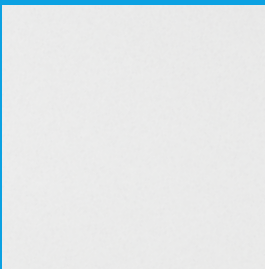


KNAUF

AMF THERMATEX® dB Acoustic



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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: 41dB - 30mm thickness: 43dB)
- Excellent light reflectance (88%)
- ISO 4
- Ideal for offices, meeting rooms and learning applications or corridors

Build on us.

| Characteristics | | Detailed information | | | | | | | |
|-------------------------------------|--|--|--------------------------------------|---|--|------------|--|-------------|-------------|
| Edge details | | Board | Tegular 24/90 | | Tegular 15/90 | | | | |
| Additional edge details on request | | | | | | | | | |
| Thickness (mm) | | 24, 30 | 24 | | 24 | | | | |
| Dimensions (mm) | | 600 x 600 625 x 625 1200 x 600 | 600 x 600 625 x 625 1250 x 625 | | 600 x 600 625 x 625 1200 x 600 1250 x 625 | | | | |
| System | | Exposed demountable - System C | | | | | | | |
| Weight | | 8.6 - 10.6 kg / m² | | | | | | | |
| Colour | | White | | | | | | | |
| Sound absorption | | EN ISO 354 | | $\alpha_w = 0.65$ (H) as per EN ISO 11654 - Class C | | | | | |
| | | 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 |
| NRC = 0.70 as per ASTM C 423 | | | | | | | | | |
| 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 | | | | | | | |
| 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 | | 36.8-37% (2023) | EN 15804 | EC 1272/2008 Annex G | M1 | BRONZE | www.blauer-engel.de/uz132 | | |