

AM-Board

AM Board (AMB) is a unique sound insulating board, one of the most powerful, noise isolation boards on the market. In addition to the unique acoustic properties, these boards are hygienic and ecologically sound, with no formaldehyde or other chemicals added. It is manufactured in Europe, under patented technology and has all the necessary European Approvals.

Fire resistance

- Fire resistance E 30 / EI 30 / EW 30
- Flammability Class B-s1, d0

Water vapour diffusion

0,00132.10⁹

AM-Board

- flexural strength min. 5 MPa
- flexural modulus min. 650 MPa
- tensile strength perpendicular to the face min. 0.05 MPa
- the thickness swelling after immersion in water max. 25 % after 24 hrs
- screw pull-out resistance in axial direction min. 35 N/mm
- density min. 580 kg/m³

Acoustic Parameters

- The Weighted Sound Reduction Index $R_w = 32.4 \text{ dB}$
- Improvement of impact sound $\Delta L_w = 26-35 \text{ db}$

Other Properties

- Formaldehyde free
- Weight 8.5kg / m²
- Thermal conductivity $\lambda = 0,196 \text{ W / mK}$
- Ability to control air humidity
- Resistant to mildew and pests
- Environmentally friendly and recyclable material