


ABSORPTION

AIRISOLBOARD – sound absorbing glass wool board



Product	Weight
Airisolboard	24 – 146 kg/m ³
 MED	TIS = glass fiber tissue FAB = black glass fiber cloth (MED certified from 41 kg/m ³) CLOTH = white glass fiber marine cloth ALU = Aluminum foil

Description

AIRISOLBOARD is a sound absorbing glass wool plate which can be provided on request with AIRISOL® glass fiber tissue (TIS), AIRISOL® glass fiber cloth (FAB), AIRISOL® marine cloth (CLOTH) or aluminum foil one or both sides.

Characteristics

solid glass wool plate, high noise absorbing, suitable for application with high air speeds

- non-breeding ground for fungal growth, rot proof
- water-repellent, not hygroscopic, not capillary
- steam diffusion $\mu \approx 1,2$; class MU1 (DIN EN 12086)
- thickness tolerance; class T2 (DIN EN 13162)
- dimensional stability; class DS (T1) (DIN 4108-10)
- thermal conductivity $\lambda = 0,036$ W/mK (DIN EN 12667)
- max. application temperature top layer (bonding): 125 °C
- Temperature resistance glass wool: 250 °C
- fire safety : class 6q.3/A1 (DIN EN 13501-1)

Airisol® glass tissue or aluminium grobcom foil:

- max. air speed: 25 m/s

Certificates:

- glass wool : non-combustible (MED)
- fiberglass : low flame (MED) from 41 kg/m³
- smooth aluminium foil : low flame (MED)
- reinforced aluminium foil : low flame (MED)

certificates available on request

Application

for solutions in the marine and shipbuilding, machinery and industry, enclosures and ducting

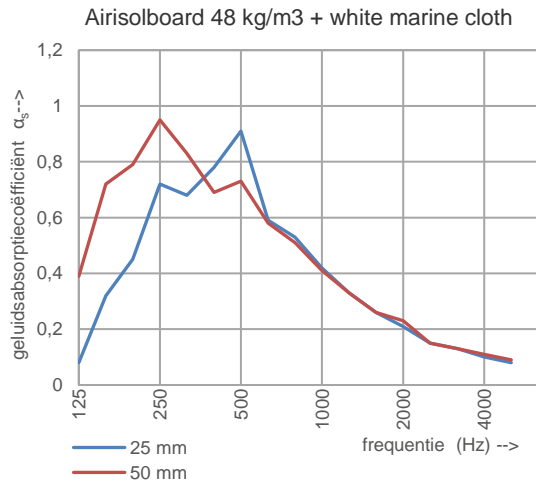
Dimensions

2400 x 1200 mm, 1350 x 600 mm

specific dimensions and thicknesses available on request

ABSORPTION VALUE

Material AIRISOLBOARD
Measured conform ISO 354, report A 857



Top layer: Airisol - white marine cloth,
Airisol alu grp foil and black tissue