


THERMAL AND ACOUSTIC AIRISOLFLEX – thermal and acoustic insulation blanket for the marine industry



AIRISOLFLEX	Thickness	Weight
24/25 ALU	25 mm	24 kg/m ³
32/12 ALU-grp	12 mm	32 kg/m ³
24/25 ALU-grp	25 mm	24 kg/m ³
24/25 FAB B *	25 mm	24 kg/m ³
41/12 FAB B *	12 mm	41 kg/m ³
41/25 FAB B *	25 mm	41 kg/m ³



MED

ALU = smooth aluminium foil, 50 μ
 ALU-grp = reinforced aluminium foil, 20 μ
 * FAB B = black fiberglass (MED certified from 41 kg/m³)

Product description AIRISOLFLEX is a glass wool blanket with AIRISOL® smooth aluminium foil, AIRISOL® reinforced aluminium foil or AIRISOL® fiberglass

Properties thermally insulating, sound-absorbing, fire-safe, low frictional resistance, erosion-resistant, durable, strong and flexible, high breaking strength, non-corrosive, anti-rot, dimensionally stable and resilient
 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

max adhesive bond 125 °C

max permissible air velocity 22.5 m/sec

Application AIRISOLFLEX with aluminium foil is excellent for use in the shipping industry, as the product not only provides good thermal and acoustic insulation, but also ensures moisture release

Processing attach with adhesive pins or through bonding (coverings on the visible side)
 for air velocities up to 5m/sec, 50% bonding is sufficient, for higher air velocities we recommend 100% bonding, we recommend fixing of securing pins with cover plates at maximum spacings of 400 mm

Dimensions standard rolls of 20000 x 1200 mm
 cut-to-size rolls upon request

DISCLAIMER
 De omschreven toepassingen en aanbevelingen zijn zo correct mogelijk weergegeven maar zijn vrijblijvend en bieden geen garanties. Bij twijfel over toepassing of verwerking zelf een test uitvoeren of contact met ons opnemen. We behouden ons het recht om zonder kennisgeving vooraf, productgegevens te wijzigen.

ABSORPTION VALUE

Insulation material AIRISOLFLEX
Measured in accordance with ISO/R 354-1963, DIN 52.212-1961 and ASTM C432-77

