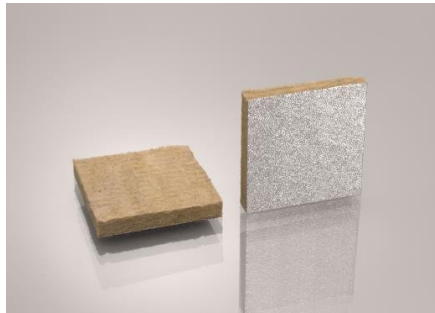


ABSORPTION

AIRISOL FP – fire-resistant stone wool for steel constructions / air ducts



AIRISOL FP	Thickness	Weight
AIRISOL FP ALU	15 - 50 mm	160 kg/m ³
AIRISOL FP ALUstu	15 - 50 mm	160 kg/m ³
ALU = smooth 50 µm alu foil ALUstu = aluminium stucco foil		

Product description AIRISOL® fire protection boards are hard-pressed self-supporting stone wool boards with a stucco or smooth Airisol 50 µm aluminium foil finishing layer on one side

Properties

Fire class: Euroclass A1, EN 13501-1

Temperature:

- maximum temperature 1000 °C
- maximum temperature of the bonding of Fabisol aluminium foil 125 °C

Thermal conductivity at 10 °C: $\lambda_{10} = 0.039$ W/mK in accordance with EN 12667

Type code: MW-EN14303-T5

Sound:

the excellent sound properties and resistance to insertion loss can contribute significantly to the sound insulation of a construction

Moisture:

the product is dimensionally stable, water-repellant, non-hygroscopic and non-capillary

the water vapor diffusion coefficient is $\mu = 1.3$

Short-Term Water Absorption (Declared), WS, (Wp) ≤ 1 kg/m² in accordance with EN 1609

the Airisol aluminium foils 50 is water-vapor proof in accordance with DIN 53122, part 2

Chemical:

product is chemically neutral. Concentration of washable chlorides is approx. 4 PPM

AS quality in accordance with AGI Q 135 (suitable for austenitic steel)

Specific heat:

C = 840(J/kg.K), linear coefficient of expansion = 0 (mm/mK)

Application

AIRISOL® fire protection boards are excellent for fire-proof covering of steel columns and girders and sheet-steel air ducts.

Processing

Single-layer insulation of air ducts and steel constructions by means of bonding with special heat-resistant cohesive where rivets, staples or nails can be used as fixing equipment.

Upon request we can supply all required dimensions, including the rolls, tailor-made.

Dimensions

1800 x 1200 mm

customer-specific sizes and thicknesses available upon request

ATIS International B.V.

Noordhoek 33
3351 LD Papendrecht
Postbus 14
3350 AA Papendrecht

T 31 (0)78 615 00 44
F 31 (0)78 615 49 48
info@atis-international.com
www.atis-international.com

Disclaimer

De omschreven toepassingen en aanbevelingen zijn zo correct mogelijk weergegeven maar zijn vrijblijvend en bieden geen garanties. Bij twijfel over toepassing/verwerking zelf een test uitvoeren of ATIS raadplegen. Wij behouden ons het recht om zonder kennisgeving vooraf productgegevens te wijzigen.