

THERMAL AND ACOUSTIC

AIRISOLFLEX – insulation blanket for air ducts/air-handling units



AIRISOLFLEX	Thickness	Weight
32/12 TIS B	12 mm	32 kg/m ³
24/25 TIS B	25 mm	24 kg/m ³
32/12 FAB B	12 mm	32 kg/m ³
24/25 FAB B	25 mm	24 kg/m ³
TIS = glass fleece FAB = fibreglass		

Product description Airisolflex is a glass wool blanket with Airisol glass fleece or Airisol fibreglass.

Properties

- Thermally insulating, sound-absorbing, low frictional resistance, durable, strong and flexible, high breaking strength, non-corrosive, anti-rot, dimensionally stable and resilient
- Glass wool:
 - non-combustible (MED 1350085/M3), NEN 6064
 - with fibreglass in accordance with IMO A.799(19), TNO report, B-88-8687
 - with glass fleece; NEN 3883, flame spread and flashover, class 1, TNO report B-83-335
- Fibreglass: low flame (MED 1350082/M3)
- Acoustic report: A232-1 (Peutz)
- Erosion-resistant: UL 181, by TNO at 40 and 56 m/s
- Certificates available on request
- Max adhesive bond 125 °C
- Max permissible air velocity 22.5 m/sec

Application

AIRISOLFLEX with glass fleece or fibreglass is specially developed for the internal insulation of sheet-steel air ducts, air distribution boxes, acoustic baffles and other air-handling equipment
AIRISOLFLEX can also be fitted with an AIRISOL® smooth aluminium foil or an AIRISOL® reinforced aluminium foil

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
Sized rolls on request

ABSORPTION VALUE

Insulation material : AIRISOLFLEX

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

