

## THERMAL AND ACOUSTIC AIRISOLFLEX – insulation blanket for air ducts/air-handling units



AIRISOLFLEX	Thickness	Weight
32/12 TIS B	12 mm	32 kg/m <sup>3</sup>
24/25 TIS B	25 mm	24 kg/m <sup>3</sup>
32/12 FAB B	12 mm	32 kg/m <sup>3</sup>
24/25 FAB B	25 mm	24 kg/m <sup>3</sup>
TIS = glass fleece FAB = fiberglass		

**Product description** AIRISOLFLEX is a glass wool blanket with AIRISOL<sup>®</sup> glass fleece or AIRISOL<sup>®</sup> fiberglass

**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 certified), NEN 6064  
with fiberglass 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

fiberglass : low flame (MED certified)

acoustic report : A232-1 (Peutz)

erosion-resistant : UL 181, by TNO at 40 and 56 m/s

certificates available upon request

max adhesive bond 125 °C

max permissible air velocity 22.5 m/sec

**Application** AIRISOLFLEX with glass fleece or fiberglass 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<sup>®</sup> smooth aluminium foil or an AIRISOL<sup>®</sup> 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  
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

