



Insulation in glass wool on a roll for ducts type DU/R30

Glass wool duct insulation of 25 or 50 mm thickness

Application

- For thermal and acoustic insulation of HVAC ductwork applications

Material

- Glass wool mattress with vertical glasswool blades, glued on a reinforced aluminium foil of 20 μ thickness

Colour

- Yellow mineral glasswool with reinforced aluminium foil

Composition

- Mineral glass wool mattress with vertical glasswool blades
- Reinforced aluminium foil of 20 μ thickness.
- Wrapped in polyethylene shrinkfoil

Characteristics

- Heat conductivity in W/mK according to EN12667:
 - 0.037 at 10°C
 - 0.041 at 30°C
 - 0.046 at 50°C
- Volume mass $\geq 30 \text{ kg/m}^3$
- Vapour diffusion of the aluminium layer of 0.05g/m² in 24h according to DIN53122
- Vapour diffusion resistance of alu foil $S_d = 350\text{m}$
- Tensile strength of the aluminium layer $\geq 4 \text{ kN/m}$ according to ISO 1924/1
- Shear of aluminium layer $\geq 200 \text{ kPa}$ according to ISO 2758
- Application temperatures up to 260°C, alu foil 100°C
- Non hygroscopical and non capillary material
- Uncombustable according IMO MSC.61(76)
- Fire resistance class A2-s1,d0 according EN13501-1
- Size 10m x 1.2m (12m²) with a thickness of 25mm
- Size 5m x 1.2m (6m²) with a thickness of 50mm

Mounting

- To be glued on ducts and to be finished with aluminium tape
- To be wrapped around ducts and to be finished with aluminium tape
- To be pinned on duct surfaces by means of insulation pins with washers

Accessories

- Contact glue, type **POWER SPRAY**
- **PREMIUM ALUTAPE 40S** or reinforced aluminium tape **FSK**
- Self-adhesive mounting pins with washers for insulation material, DU/R30-25 type **CD 32** , DU/R30-50 type **CD 63**

Text for tender

- The thermal and acoustic insulation of the ducts will be done by means of glass wool insulation mattresses of 25mm or 50mm. The mattresses consist of vertical lamellas of mineral glass wool glued on a reinforced aluminium layer with thickness of 20μ.
- SIG Type **DU/ R30**

Order example

- **DU/R30-25**

Explanation

DU/R30-25 = Glass wool insulation on roll in 25mm thickness