



Damp proof - Spiralo ducts and fittings

Vapour barrier and acoustic insulation

The insulation material (Armaflex® from Armacell®) features a closed-cell structure. It has been specially designed and manufactured as a thermal and acoustic insulation material for ventilation ducts. The elastomeric insulation material reduces heat loss and its closed-cell structure prevents the transport of water vapour, thus minimising the risk of corrosion. In addition, it provides an extra layer of long-lasting protection for the ventilation ducts and fittings.

Insulation material

Manufacturer

Colour

Insulation material type

Material thickness

Temperature range

Properties

Reduction of structural sound transmission

Storage and shelf life of adhesive materials

Armaflex® (Duct, AF)

Armacell®

Black

Elastomeric foam based on a synthetic rubber compound. Factory-made elastomeric foam (FEF) according to EN 14304.

13 mm

Max. service temperature +110 °C, min. -50 °C

Dust and fibre free

Acoustic attenuation ≤28 dB(A), tested according to EN ISO 3822-1

In dry, clean areas at normal humidity (50 - 70%) and ambient temperatures (0 °C - 35 °C)

Insulation material fire performance

Armaflex® Duct

Ducts and fittings

ø100, 125, 150, 160, 180, 200, 250, 315, 355, 400 mm

Water vapour diffusion resistance

D-s3, d0, test report EU 5697, classified according to EN 13501-1, tested according to EN 13823 and ISO 11925-2

$\mu \geq 7.000$

AF/ Armaflex®

Elastomer sealing tape black

B-s3, d0, test report EU 5315, classified according to EN 13501-1, tested according to EN 13823 and ISO 11925-2



VENTILATION DUCTS & FITTINGS

