



GRANRIC GLASSWOOL ACOUSTIC LINER

DESCRIPTION

Acoustic Liner is a flexible Glasswool insulation blanket covered with an acoustically porous, black, woven, glass cloth on the air stream surface. With low air friction, Acoustic Liner provides outstanding acoustical and thermal performance. Effective sealing is made possible with the provision of a 35mm overlapping flange of the facing material.

FEATURES & BENEFITS

- Durable product (long lifespan)
- Easy to use
- Lifelong energy savings
- Lightweight (quick and easy installation)
- Maintenance free
- Minimal air friction while optimising free duct area
- Non-combustible (fireproof)
- Reduces energy costs
- Reduces noise
- Safe
- Will not erode or release fibres into the air stream under normal operating conditions

FIRE PROPERTIES

Non-combustible (SANS 10177 Part 5)

THERMAL PROPERTIES

Due to the inherent thermal insulation properties, this product contributes to indoor comfort and lifelong energy savings, by reducing heat gain and loss.

ACOUSTIC PROPERTIES

This product enhances indoor environmental quality and offers exceptional acoustic properties by the absorption of noise generated by air conditioning equipment and ducts.

APPLICATIONS

Commercial & Industrial internal acoustical insulation liner of sheet metal ducts in heating, ventilation and air conditioning systems. Systems can operate at temperatures up to 120°C and air velocities up to 20 m/s.

DURABILITY

- Extends the life of heating, ventilation and air conditioning systems by preventing condensation on cold duct surfaces
- Fully compatible with all standard building materials and components
- Inert
- Non-hygroscopic (non-absorbent)
- Odourless
- The product's performance will not be hampered by dust settlement
- Will not breed/promote bacteria, mould or fungi
- Will not sustain vermin

HANDLING & STORAGE

Store in dry conditions, under cover. Store flat. Handle with care. Take care not to damage the edges and corners with sharp objects or by heavy impact. Permanent damage may be caused by sitting or standing on the product, or any other excessive pressure to the product.

PHYSICAL PROPERTIES

Rval (m ² .K/W)	Thickness (mm)	Length (mm)	Width (mm)	Density (kg/m ³)	K-value (W/m.K)	NRC Value
0.69	25	10 000	1200	24	0.036	0.85
1.32	50	10 000	1200	18	0.038	-



Granric Insulation (Pty) Ltd
Registration Number: 2012/056401/07
Watt Road, New Era
PO Box 1253, Springs Gauteng, South Africa, 1560
Tel. +27 (0) 11 813 3230 Fax. +27 (0) 11 813 1660
www.granric.co.za
info@granric.co.za

