



# Ductboard

## Glasswool: A light weight HVAC insulation solution

### DESCRIPTION

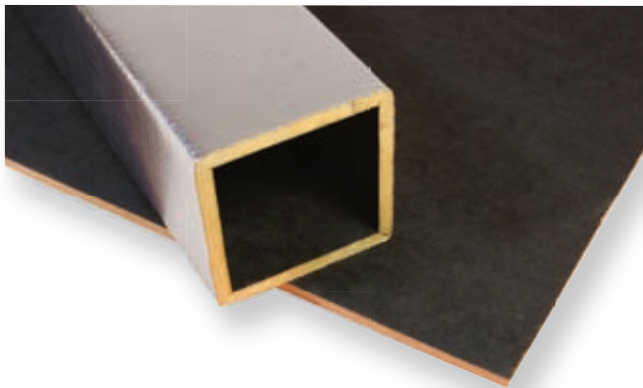
Ductboard is manufactured from a high quality, Glasswool board faced on the external surface with a reinforced aluminum foil vapour barrier. The air stream surface is faced with a black non-woven glass tissue.

### QUALITY MANAGEMENT SYSTEM

Isover products are manufactured according to ISO 9001:2000.

### FEATURES & BENEFITS

- Provides a homogeneous system of interlocking sections to form a rigid air handling duct system
- Boards are transported flat and assembled on site
- Variations, modifications, etc. can be dealt with on site
- Lightweight & ease of installation
- Excellent reduction of airbourne sound transmission and equipment noise
- Condensation control
- Ductboard can be used in conjunction with metal or flexible duct work using simple connecting techniques



### FIRE PROPERTIES

Class 1 fire index – tested to SANS 10177 Part 3

### THERMAL PROPERTIES

Significantly reduces heat gains & losses.

### ACOUSTIC PROPERTIES

Offers exceptional acoustic properties & enhances indoor environmental quality by absorption of noise generated by air conditioning equipment. Reduces sound transmission along a duct.

### APPLICATIONS

May be used in commercial, industrial or residential air handling installations for cooling, heating, dual temperature or ventilation. Ductboard is suitable for operating temperatures up to 120°C with a maximum air velocity of 10m/s.

### DURABILITY

- Odourless, inert and fully compatible with all standard building materials & components
- Will not promote corrosion with steel, copper or aluminum
- Will not sustain vermin
- Will not breed or promote fungi, mould or bacteria
- Non-hygroscopic
- Rot proof
- Dust settlement will not hamper the products performance



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## PHYSICAL PROPERTIES

Rval (m <sup>2</sup> K/W)	Thickness (mm)	Length (mm)	Width (mm)	Density (kg/m <sup>3</sup> )	k-value (W/mK)	NRC Value
0.78	25	2400	1200	80	0.032	0.70

Typical values

Available in standard sizes - 2400 x 1200 or 2300 x 1200 (suitable for exports in terms of container utilisation.)

## TOOLS NEEDED FOR INSTALLATION

Specialised cutting tools. Refer to manufacturer for detail.

## HANDLING & STORAGE

Store product undercover, and in dry conditions. Store flat. Handle with care, especially on the edges and corners, which can be damaged if subject to sharp or heavy impact. Do not apply excessive pressure, for example by standing or sitting on the product, as permanent damage may be caused.

## ARCHITECTURAL SPECIFICATION

Install 25mm thick rigid lightweight "Ductboard" strictly in accordance with manufacturer's detail & specification.



*Isover reserves the right to alter or amend product specification without notice. The information given in this publication is correct to the best of our knowledge at the time of publication. Whilst Isover will endeavour to ensure publications are up to date, it is the users' responsibility to check with us that it is correct prior to use.*