



May 2009

## Acoustic Joist Roll

### For timber joisted floors

#### Description

Acoustic Joist Roll is a flexible glass mineral wool quilt which is lightweight, flexible, resilient and non-combustible. The rolls are 1200mm wide and partially perforated to produce 3 rolls 400mm wide or 2 rolls 600mm wide.

#### Application

Acoustic Joist Roll is specifically designed for friction fitting between joists at 400 600mm centres to improve the sound insulation of timber joisted floors. Acoustic Joist Roll provides a high level of sound absorption, as well as improving the thermal and fire performance of the floor.

Thickness (mm)	Density (kg/m <sup>3</sup> )	Length (m)	Width (mm)	Area per roll (m <sup>2</sup> )
100	>10	9.17	3x400	11.00
100	>10	9.17	2x600	11.00

All dimensions are nominal

#### Performance

##### Acoustic

Acoustic Joist Roll has excellent sound absorption properties.

##### Fire

Acoustic Joist Roll is classified as Euroclass A1 to BS EN ISO 13501-1.

#### Benefits

- Excellent sound absorption properties
- Lightweight and easy to install
- For use with timber joists at 400mm or 600mm centres

## Acoustic Joist Roll

### Standards

Acoustic Joist Roll is non-combustible glass mineral wool, defined as mineral wool in BS 3533: 1981 and is manufactured in accordance with BSI Quality Assurance Standard BS EN ISO 9001: 2000.

### Durability

Acoustic Joist Roll is odourless, rot proof, non-hygroscopic, does not sustain vermin and will not encourage the growth of fungi, mould or bacteria.

### Environmental

Acoustic Joist Roll is free from CFCs, HCFCs and any other material with ozone depletion potential in its manufacture and content and represents no known threat to the environment. **Acoustic Joist Roll's manufacture has a low impact on the environment and is classified as Zero ODP and Zero GWP.**

### Vapour resistance - resistivity

Acoustic Joist Roll offers negligible resistance to the passage of water vapour and has a vapour resistivity of 7.00 MN.s.g.m.

### Handling and storage

Acoustic Joist Roll is easy to handle and install, being lightweight and easily cut to size, where necessary. It is supplied enclosed in polythene which is designed for short term protection only. For longer term protection on site, the product should either be stored indoors, or under cover and off the ground. Installation instructions are on every pack. Acoustic Joist Roll should not be left permanently exposed to the elements.

Knauf Insulation mineral wool products with ECOSE® Technology benefit from a formaldehyde-free binder made from rapidly renewable bio-based materials instead of petroleum-based chemicals which is up to 70% less energy intensive. The technology has been developed for Knauf Insulation's glass and rock mineral wool products, enhancing their environmental credentials without affecting the thermal, acoustic or fire performance. Insulation products made with ECOSE® Technology contain no dye or artificial colours – the colour is completely natural.

### Knauf Insulation Ltd

PO Box 10  
Stafford Road  
St Helens  
Merseyside  
WA10 3NS

### Customer Service (sales)

Tel: 0844 800 0135

### Technical Advisory Centre

Tel: 01744 766 666

### Literature

Tel: 08700 668 660

**[www.knaufinsulation.co.uk](http://www.knaufinsulation.co.uk)**