

# Glass Ceiling Pad

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Reference: 39

Issue: 1



## SIZES

GUARDIAN 4 ACOUSTICS Sound Reduction Ceiling Pad consists of a rigid slab made from ECOSE mineral wool sandwiched each side of a polymeric barrier for high acoustic reduction which is encapsulated in with a bright silver reinforced class O rated aluminium foil.

### PRODUCT FUNCTION

GUARDIAN 4 ACOUSTICS Sound Reduction Ceiling Pad is used to create an acoustic barrier within a building as well as creating a fire break and maintaining a thermal barrier. Can be used as a ceiling pad or to form a ceiling/wall barrier.

### TECHNICAL DATA

The mineral wool used to produce the core of GUARDIAN 4 ACOUSTICS Sound Reduction Ceiling Pad is 60kg m<sup>3</sup> ECOSE mineral wool slab is classified non combustible to Euroclass A1 to BS EN ISO 13501-1 and the reinforced aluminium foil facing is classed as Class 0 to BS 476 with a water vapour permeability of 0.05 to DIN EN ISO 12572

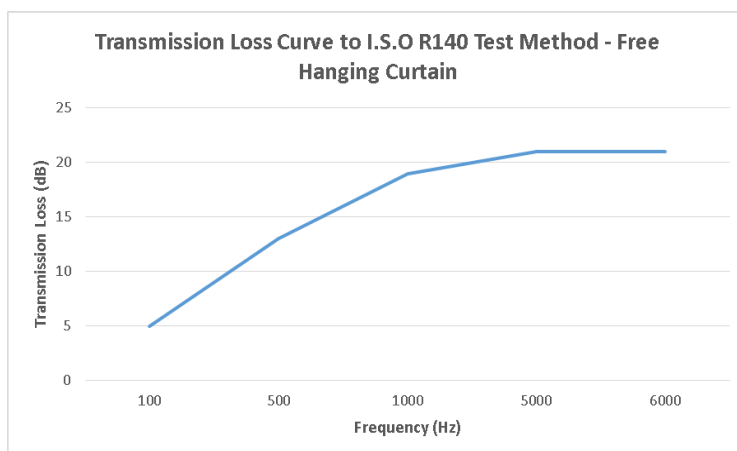
### ENVIRONMENT

Manufactured using new green ECOSE™ Rock Mineral wool slab from Knauf Insulations helping reduce the carbon footprint. Knauf insulations new ECOSE™ Technology Rock Slab. This is the first organic binder Insulation product available in the UK. Rock slabs are free from CFCs, HCFCs and contain no other material elements with ozone depletion potential, thus they represent no known threat to the environment. Exceeding Breeam requirements and giving a classification of zero ODP and zero GWP. The product is intended to be used to help on eco projects where a low environmental impact is a key design consideration.

1200 x 600 x 60mm	5.3kgm <sup>3</sup>
1200 x 600 x 80mm	5.8kgm <sup>3</sup>
1200 x 600 x 100mm Nominal	6.2kgm <sup>3</sup>
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600 x 600 x 100mm	6.2kgm <sup>3</sup>

### APPLICATION DETAIL

GUARDIAN 4 ACOUSTICS Sound Reduction Ceiling Pads are designed to sit on top of existing suspended ceiling tiles. They should be used in conjunction with our Acoustic light boxes.



Contact:  
sales@gisuk.co  
Tel: 01827 219327

Address:  
William Nadin Way, Swadlincote,  
Derbyshire, DE11 0BB

