

SPACE SLAB 037

Glass mineral wool slabs



Declaration of performance number:

G4335JPCPR

Use code:

MW-EN13162-T4-DS-MU1

Brief description:

Flexible glass mineral wool slabs for timber frame steel studs

Use:

Glass mineral wool has great tearing strength and is flame-resistant, making it suitable for use in a wide variety of structures with thermal and acoustic requirements. The product is CE labelled.

Dimensions

Dimensions	
Width x Length	Thickness
560 x 980 mm λ 0.037	95 mm
600 x 980 mm λ 0.037	95 mm
In accordance with EN 12431	In accordance with EN 823

Dimensional stability		
Description	Value	In accordance with
Declared dimensional stability of 70°C/90 % relative air humidity	$\leq 1 \%$	EN 1604

Other dimensions

Other sizes can be manufactured on request

Packaging

Packaging

The product is delivered in polythene packs, which are only designed to provide short-term protection. For longer term protection in the storage area, the product must be stored either indoors or under cover and off the ground.

Fire performance

Reaction to fire		
Important properties	Performance	In accordance with
Non-combustible, Euroclass	A1	EN 13501-1

Thermal properties

Thermal resistance		
Important properties	Performance	In accordance with
Declared thermal conductivity λ D	0.037	EN 12667:2012
Thermal resistance (W/mK)	See product label	EN 12667:2012
Insulation thickness	See product label	EN 12431:2007
Thickness tolerance	T4	EN 823

Air permeability		
Description	Performance	In accordance with
Air permeability	-	EN12114:2000

Moisture properties

Water permeability		
Important properties	Performance	In accordance with
Short-term water absorption	-	EN 1609:2007
Long-term water absorption	-	EN 12087:2007

Water vapour permeability		
Important properties	Performance	In accordance with
Water vapour diffusion resistance MU, μ	1	EN 13162:2012

Environment

Durability

Glass mineral wool is odour-free, rot-resistant, non-hygroscopic, pest-resistant and prevents mould and fungal or bacterial growth.

Binding agent

Contains our internally-developed Ecos®Technology binding agent, which is manufactured of recyclable, bio-based materials, with no added formaldehyde.