

# 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 $\lambda$ 0.037	95 mm
600 x 980 mm $\lambda$ 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 $\lambda$ 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, $\mu$	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 Ecosse®Technology binding agent, which is manufactured of recyclable, bio-based materials, with no added formaldehyde.