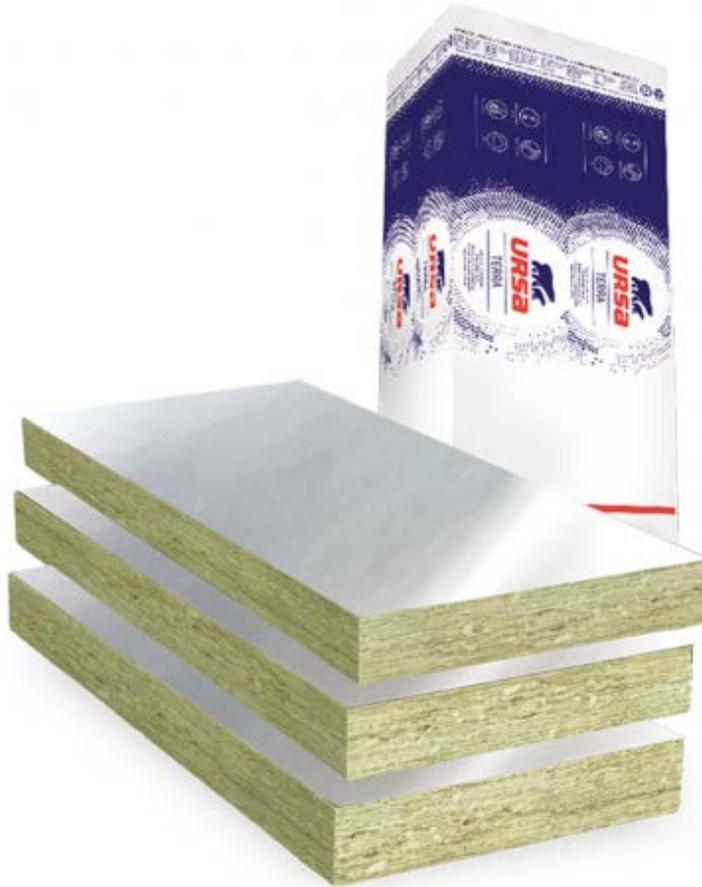




# URSA WALLTEC REFLEX



**Typical applications:**  
Soffit insulation.



## Description.

URSA WALLTEC REFLEX is a non-combustible glass mineral wool insulation slab. It is treated with a silicon-based water repellent and features a micro-perforated aluminium foil on one side which is applied during the manufacturing process.

## Application.

URSA WALLTEC REFLEX is designed to be used as thermal and acoustic insulation for soffit insulation under concrete, timber or metal floors.

## Performance.

### Thermal Conductivity:

Declared thermal conductivity ( $\lambda$  value) of 0.032 W/mK.

### Foil Emissivity:

0.10

### Cavity Resistance (Horizontal):

0.57 m<sup>2</sup>K/W

### Density:

Manufactured at a nominal density of 32 kg/m<sup>3</sup>.

### Fire Classification:

Deemed non-combustible with a fire classification of Euroclass A1 (the highest possible rating) when tested to EN 13501-1:2018 Reaction to Fire.



Non-combustible



Thermal Insulation



Acoustic Insulation



Recycled Glass Content

# Technical Characteristics.

## Product Specification.

Thickness (mm)	Length (mm)	Width (mm)	Slabs Per Pack	Pack Area (m <sup>2</sup> )	Packs per pallet	Pallet Area (m <sup>2</sup> )	Thermal Conductivity (W/mK)	Thermal Resistance (m <sup>2</sup> K/W)	Product Code
131	1350	600	5	4.05	16	64.80	0.032	4.05	2143714
138	1350	600	5	4.05	16	64.80	0.032	4.30	2143746
150	1350	600	4	3.24	16	51.84	0.032	4.65	2142373

Please note that all dimensions are nominal.

## Additional Information.

### Water Vapour Resistance.

The product has a nominal water vapour resistance of 0.65 MNs/g.

### Environmental Credentials.

- The primary packaging on our products (rolls and slabs) and pallets (the shrink hood) are wrapped in low-density polyethylene (LDPE4) plastic, which contains a minimum 30% recycled material and is fully recyclable. The secondary packaging on our products (grouping rolls and slabs into modules of 3–6 packs) is low-density polyethylene (LDPE4) virgin plastic. Before recycling, please consult your local authority for guidance.
- ISO 14001:2015 – Environmental Management Systems (EMS) certified. Certificate number: BQA\_EMS\_C\_2016673.
- Contains no ozone-depleting substances or greenhouse gases.
- Manufactured from up to 73% recycled glass.
- Generic BRE Green Guide Rating of A+.

### Standards and Approvals.

Manufactured in accordance with:

- EN 13162:2012+A1:2015 Thermal insulation products for buildings – Factory made mineral wool (MW) products.
- EN 13172: 2012 Thermal insulation products – Evaluation of conformity.
- ISO 9001:2015 – Quality Management Systems (QMS). Certificate number: 01 100 1300949.

### Certification.

- CE marked to EN 13162:2012+A1:2015. Certificate number: 0749-CPR-BC1-511-0046-0001-D001.

### EUCEB (European Certification Board of Mineral Wool Products).

All URSA glass mineral wool products are made of non-classified fibres and are certified by EUCEB. EUCEB is a voluntary initiative by the mineral wool industry. It is an independent certification authority that guarantees that products are made of fibres which comply with the exoneration criteria for carcinogenicity (Note Q) of the Regulation (EC) 1272/2008.

Certificate number: BEUC-511-46-376-46.

### Handling & Storage.

The product should be stored properly and handled in such a way as to ensure that the product remains clean and undamaged.

The product is supplied compression packed in polythene to provide short term protection only. For long term protection, the product must be stored indoors, or under a waterproof covering and off the ground to protect from weather damage. The product should not be left permanently exposed to the elements.

All URSA products are non-hygroscopic, will not rot, degrade, or sustain vermin and will not encourage the growth of mould, bacteria, or fungi.

### URSA TERRA.

Developed in 2009, URSA TERRA showcases the latest in glass mineral wool technology. Our distinctive production methods and product formulation define the character of our extensive insulation product range.



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