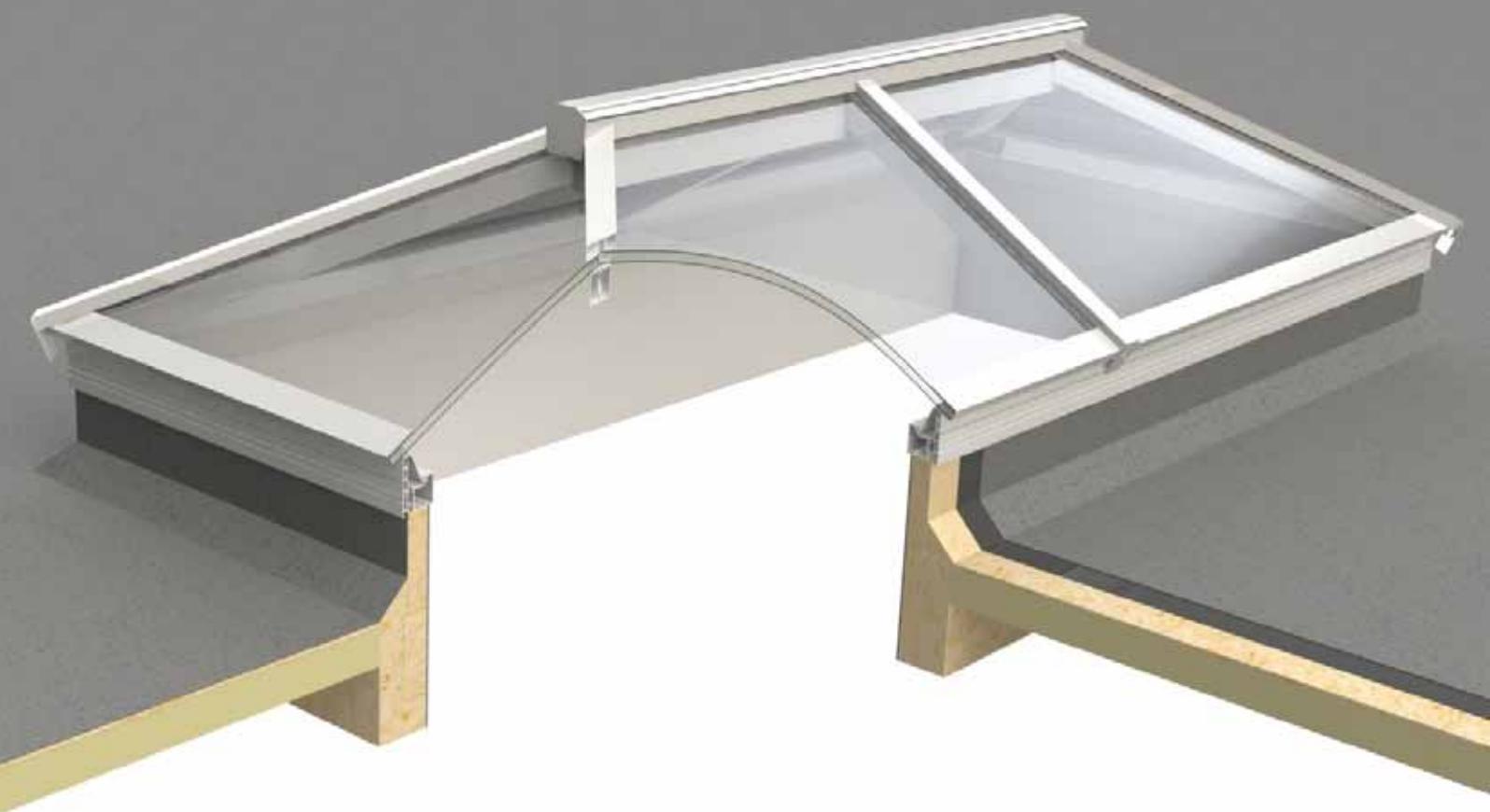




GLASS MODULAR RIDGELIGHT



Innovative rooflight solutions
Unsurpassed service



Whitesales®
Rooflights & more...



GLASS MODULAR RIDGELIGHT



More daylight, available from stock

The new Em-Glaze Ridgelight product line offers a beautifully designed solution for architects, builders and homeowners seeking to maximise natural light.

The slimline aluminium design minimises framework and maximises glazed area to ensure that when the sun shines it's both outside and in. The Em-Glaze is an affordable and readily available solution that will integrate seamlessly into most construction projects.

Available in six standard sizes straight from stock (1-7 days), Em-Glaze is also available with fully bespoke design options including made-to-measure sizes, wide choice of framework RAL colours, and blue or green solar tint.

Various ventilation options are available including fixed or opening. Equally, for those instances where heat retention and/or sound insulation are priorities, Em-Glaze can be specified with either double or triple glazing.

The intelligence applied to the design and engineering of our ridgelights ensures they are quick and easy to install. A video guide is also available with every unit, and Em-Glaze is fully compatible with our stock Em-Curb upstand range.

View our online product video at www.whitesales.co.uk/products/modular/em-glaze-glass-modular-ridgelights/

Benefits/Features

- 6 standard stocked sizes: next day delivery available
- New, slimline aluminium design maximises daylight
- Double and triple-glazed options
- Fixed or opening ventilation available
- Quick and easy to install (video supplied)
- Fully bespoke design options – made-to-measure sizes, wide choice of framework RAL colours and blue solar tint
- Thermally insulated
- 10 year guarantee

Applications

The profiles in this range have been designed solely for roof glazing. This system can cope with varying degrees of roof pitch, from 17 to 35. Standard units are 25. The British Board of Agrément tested the roof system and have indicated that the roof will have a life expectancy of at least 25 years.

Materials

- The framework consists of a high tensile aluminium section: box section 40mm wide by 68mm, 81mm and 97mm in depth, giving the options of profiles to suit larger spans. The thermal break is in the form of a PVCu extension adaptor connected to the main rafter box section. This break is then achieved when the aluminium cover cap is secured.
- Aluminium exterior cover caps can be powder coated to any RAL colour, providing a durable and attractive roof finish.
- All aluminium is polyester powder coated with approx 60 microns of paint to BS 6496.
- Em-Glaze ridgetlights are produced in line with BS EN ISO 9001:2000 quality control conditions and are BBA tested to market leading standards.
- Aluminium alloys are non-combustible and provide Class 1 surface spread of flame to BS476 Part 5. These are rated AA, the highest possible under this classification.
- Anodising is compliant to BS 3987 and finishing is conducted under BS EN 9002 :1994 quality control standards.



Construction

Construction consists of main sloping rafters, fixed to the ridge via load bearing brackets. Rafters are carried directly by an adjustable ringbeam. Standard hip and valley sections are connected in the same manner. All joints are sealed against water entry as per our installation manual. Glazing is secured by a snap on exterior cover cap and pressure plate, providing a continuous pressure seal against the glazing.

Glazing

- Kite marked toughened safety glass to BS 6206 :1981
- Double glazing or triple glazed units rest on a co-extruded EPDM gasket and are held in position by a pressure plate and aluminium exterior cover cap.

Units should be installed in accordance with BS 6262 :1982, BS 8000 Part 7 : 1990, the GGF glazing manual or European equivalent.

Performance

Em-Glaze Modular Ridgelights have been engineered to comply with severe weather ratings

Withstands wind loads 1.32 Kn/m² and snow loads 1.0 kn/m²

U-Value for Em-Glaze Ridgelights thermally broken rafter is from 1.41 W/m²K

BBA Water test pressure to 300 pascals

Uplift tested to 1320 pascals of pressure

Sizes

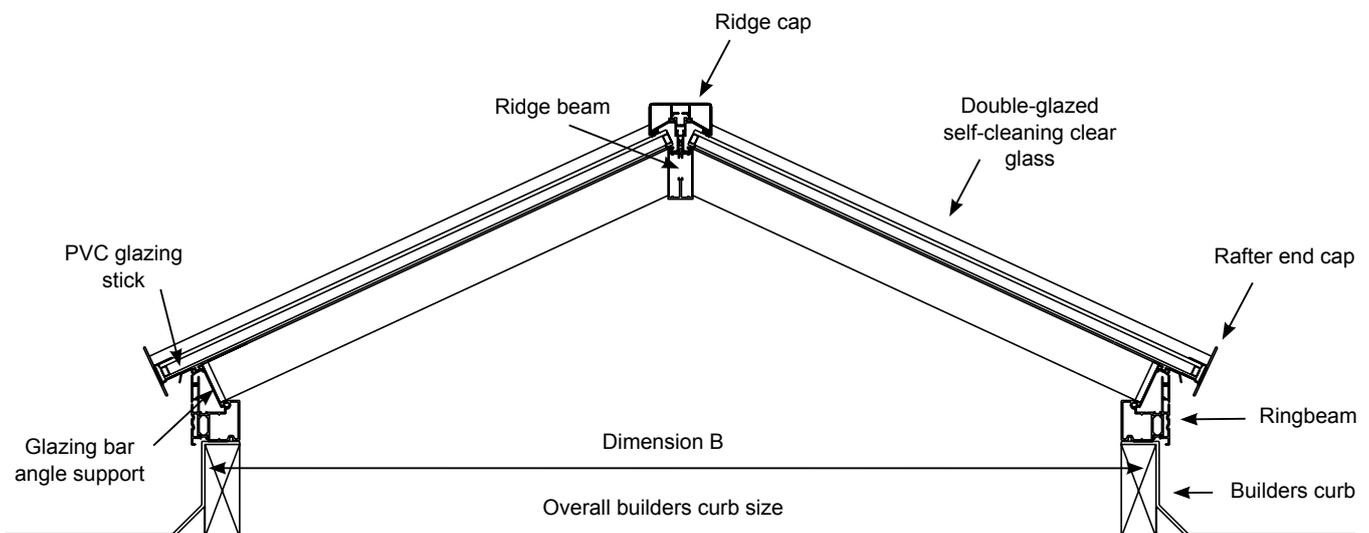
Size Ref. No.	Dimension B* (mm)	Dimension C** (mm)	Dimension E*** (mm)
EG S9	1100x1100	1200 x 1200	1000 x 1000
EG R16	1000 x 1300	1100 x 1400	900 x 1200
EG R17a	1100 x 1600	1200 x 1700	1000 x 1500
EG R19	1100 x 2100	1200 x 2200	1000 x 2000
EG R22	1100 x 2600	1200 x 2700	1000 x 2500
EG R30a	1600 x 3100	1700 x 3200	1500 x 3000

Many other sizes available to special order

* Dimension B = Overall builders curb size

** Dimension C = Roof opening size (Splayed PVC curb)

***Dimension E = Roof opening/daylight size (Vertical PVC curb)



Maintenance

Maintenance of polyester powder coating

Polyester powder is an organic coating which needs to be cleaned and maintained regularly to ensure the decorative and protective properties of the coating are retained. The best method of cleaning is by regular washing of the coating using a solution of warm water and mild detergent. All surfaces should be cleaned using a soft cloth or sponge, using nothing harsher than natural bristle brushes. Cleaning of the roof sections can be conveniently carried out at the same time as glazing cleaning.

If the pollution from the atmosphere has resulted in heavy soiling on the coating then nothing harsher than White Spirit should be used for cleaning and in no circumstances should any abrasive cleaner or any cleaning material containing Ketone esters or alcohols should be used.

In industrial environments the normal frequency of cleaning should not be more than three monthly intervals. However, where there is a high atmospheric pollution or an extremely hazardous atmosphere the period between cleaning should be reduced.

Where the atmosphere is deemed to be non-hazardous e.g rural or "normal" urban environments, then the period between cleaning can be extended to a maximum of 18 months. However, if heavy soiling occurs more regular cleaning is recommended.

Maintenance of PVCu

UPVC products require to be cleaned with soap or mild detergent (fairy liquid) and water once every six months. Do not clean with a dry cloth.

UPVC will be prone to dust for approximately three months after installation. This can be avoided by using PVCu cleaning agents which can be purchased online.

Maintenance of laminated foils

The foils are resistant to normal household cleansing agents e.g Ammonia water, aliphatic benzene, light alcoholic water solutions cleansing agents (non abrasive), water and building materials, e.g cement, gypsum.

The foils are not resistant to organic solvents (e.g varnish thinners, varnish removers, polish, adhesives). Foils should be cleaned with soap or mild detergent and water once every six months

Maintenance of moving parts

All spindles and moving parts of opening devices etc should be lightly oiled with machine oil at least once a year. Care should be taken to remove all surplus oil. Care should be taken when opening any of the sections.

Maintenance of glazing

Glazing can usually be satisfactorily cleaned using plain water with a swab, leather off, and polish finally with a scrim.

Where glass faces onto a busy street and pollution from exhaust fumes is likely to be high, detergent may be added to the cleaning water in small quantities. A paraffin soaked rag should never be used, it can speed up the cleaning process, but the glazing will soon develop a rainbow-like discolouration.

Do not scrub aluminium with brushes or sharp instruments and avoid cleaners with a high alkaline composition.



Environment

Our policy

In maintaining and developing our business, products and services, we pay careful attention to the following:

- Comply immediately with all applicable laws and regulations concerning the environment
- Develop manufacturing processes and operational procedures that minimise, as far as practically possible, pollution risks to the environment
- Reduce waste generated by our activities and encourage energy conservation, recycling and reuse
- Provide training and support to employees to enable them to maximise their contribution towards the protection of the environment
- Encourage suppliers, contractors and customers to share in our aims to promote good environmental management.

Quality guaranteed

All Em-Glaze ridgelights, when installed in accordance with manufacturer's instructions, are guaranteed against the effects of defective design, materials or construction for a period of ten years from date of supply by Whitesales. A 20 year 'special projects' guarantee is also available. Further details are available on request. Em-Glaze Ridgelights have an expected life of at least 25 years which would normally exceed the life of the roof waterproofing materials. All other products (e.g. T-Collars, Em-Curbs, ventilation systems, electrical components and other accessories) are guaranteed for 12 months from date of supply by Whitesales. Whitesales holds Professional Indemnity Insurance, covering our designs and recommendations. Full details are available on request.

Nationwide next-day delivery and full technical support

When you purchase Em-Glaze Modular Ridgelights, you can expect more than just a product. Our technical team is on hand to offer product-specific guidance, site surveys and condition reports, CAD drawings and NBS specifications for all of our products.

To find out more, request a quotation or place an order, please contact us on **01483 271371** or email **sales@whitesales.co.uk**.

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