

PRODUCT DESCRIPTION

VITRAL has developed a new sustainable, large format glass roof system named A98. The name refers both to the panel material, which is aluminium, and to the depth of the profile which is only 98mm.

With A98 VITRAL has created a glass roof system where sustainability, function and aesthetics are combined with a number of unique properties to create a truly remarkable product.

In combination with the system's slim frames and low profiles A98 brings extraordinary levels of natural light into the building.



MATERIAL

A98 is made of glass, aluminium, plastic and rubber. The frame profiles are thermally broken with an embedded PUR core. All materials are recyclable.

GLASS TYPE

A98 is supplied with triple glazed super low 'e' coated units, with warm edge spacers and argon filled cavities.

A range of multi-coated solar control options are available to suit the project.

U-VALUE

Triple glazed units:

- U-value - 0.79 W/m²K for the complete framed panel.
- Glass - 0.5 W/m²K.

* U-values are calculated according to EN14351 (part of CE standard). Specific roof light U-value will be calculated individually for every case.

FINISH

A98 is available in a natural anodised or polyester powder coated finish, in the RAL colour of your choice.

ASSEMBLY – READY TO INSTALL

A98 is fully sealed and factory prefabricated before delivery to site. This ensures consistency of quality and performance and safety on site. Prefabrication also delivers a fast and secure installation process and increases Contractor's competitiveness.

VENTILATION

Like all of VITRAL's systems, A98 provides 'invisible' opening vents. This means no extra framing or casements to disrupt the visual flow of the roof light and degrade performance. A98 further develops this feature by fully integrating the motor within the panel frame, thus completely hiding it from view. Aesthetic appeal, function and performance in a unified system.

It is possible for every second panel to be a vent.



DIMENSIONS, POSSIBILITIES & LIMITATIONS

A98 is available as single pitch, double pitch and pyramid roof lights, with a wide range of options for gables, multi-tier, valleys and hips. A98 may also be installed vertically.

Profile dimensions:

- Height: 98 mm
- Width: 52 mm

Panel dimensions:

- Height: 260-3500 mm
- Width: 260-1200 mm
- Panel area: max. 3 m²

Installation slopes:

- Pitched: 15-90°
- Gabled: 25-60°

Panel size depends on pitch and other static conditions. VITRAL perform static calculations for every project.

CERTIFICATES

A98 is CE marked in accordance with BS/EN14351-1. A98 is pre-fabricated and factory assembled at VITRAL's state of the art ISO-certified plant in Lithuania. Like all VITRAL products A98 has been rigorously tested by independent test institutes in Denmark and Sweden and achieves outstanding performance.

SUPPORT & CALCULATION SERVICE

At VITRAL, we are always ready to answer your questions about roof glazing, flat roof lights, U-values, static panel calculations, budgets and details.

ABOUT VITRAL

VITRAL is renowned for manufacturing roof lights that offer exceptional quality, performance and aesthetics. These simple qualities are the essence of every good building, so why compromise?

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