

# System description

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## Kingspan Duralite

Standardized modular glass rooflight

### **General description**

Duralite is an industrial glass pitched roof with a gradient of 15°. The Duralite rooflight is available in three standard system sizes, 2000/2500/3000 mm, with a standard grid size of 900 mm. The end panels are manufactured from sandwich panelling. The profiles have a milled finish.

### **Two sided glazing bars:**

The aluminium construction is made up of main and transverse glazing bars. The main glazing bars have a flat cover strip where the screw heads are exposed.

A thermal separator is inserted into the screw channel of the main and transverse glazing bars to increase thermal resistance. The upstand should be a minimum of 80 mm.

### **Main glazing bar**

The DU-2000 requires a DU6-40.

The DU-2500 requires a DU6-60.

The DU-3000 requires a DU6-80.

### **Transverse glazing bar**

A VN-15 profile is used for the ridge with VOP-15 profiles at the base.

### **Seals**

The main and transverse glazing bars are fitted with EPDM rubber strips. The cover strips are fitted with EPDM rubber seals.

### **Technical specifications**

*Material:*

Profiles: aluminium alloy EN AW-6063 (AlMgSi0,5)

Untreated plating: EN AW-5754 (AlMg3)

Sealant: EPDM 70° Shore

Fixings: Stainless steel A2

*Special properties:*

Impact resistance in accordance with SB1200.

### **Options**

Surface treatment - powder coated or anodised.

### **General - glazing**

Glass thickness - 27 or 30 mm.

### **Glazing type**

Insulated glass comprising:

Outer pane: 6 mm HR\*\*

Cavity: 12 mm

Inner pane: 4.4.2 laminated glass

U<sub>g</sub> = 1.3 W/m<sup>2</sup>K

## System description

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### **Glazing type**

Insulated glass comprising:

Outer pane: 6 mm HR\*\*

Cavity: 15 mm

Inner pane: 4.4.2 laminated glass

Ug = 1.1 W/m<sup>2</sup>K

We are happy to supply you with a no obligation comprehensive specification tailored to your needs. Please contact our sales department - Tel: +31 (0)413 – 338 360.

[www.kingspanlightandairinternational.com](http://www.kingspanlightandairinternational.com)

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## **INTERNATIONAL**

Kingspan Light + Air

E: [kla.international@kingspan.com](mailto:kla.international@kingspan.com)

[www.kingspanlightandairinternational.com](http://www.kingspanlightandairinternational.com)

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