



System description

Rooflight system Brakel® Duralite

General description

Duralite is an industrial class 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.



System description

Glazing type

Insulated glass comprising:

Outer pane: 6 mm HR⁺⁺

Cavity: 12 mm

Inner pane: 4.4.2 laminated glass

Ug = 1.3 W/m²K

Glazing type

Insulated glass comprising:

Outer pane: 6 mm HR⁺⁺

Cavity: 15 mm

Inner pane: 4.4.2 laminated glass

Ug = 1.1 W/m²K

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.

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