

Decolight[®] Vertical

Polycarbonate Translucent Modular Panel System

Product Description

The Decolight Vertical is a window over sleeve has been developed for vertical applications for which thermal value, light transmission, solidity and easy installation is important. Eg for translucent front finish of industrial buildings, shelters, sheds, inner tracks and sports centres but also for shed roofs, shopping centres and showrooms.

The Decolight Vertical is a multi-walled polycarbonate sheet, with co-extruded UV protection on the outside.

Uses

- For use with liquid applied waterproofing systems
- For refurbishment projects
- Suitable for vertical use (-75° to 90°)

Characteristics / Advantages

- Excellent U-value of 0.99W/m²K
- High impact strength tested to EN0873-1200J
- Good light transmission (LT) of 62.5%
- Fast and simple to install
- No need to remove existing glazing
- No internal access required
- Minimises building work and disruption
- Manufactured to BS ISO 9001

Tests

Approvals / Standards

CE Marked
Fire rating M 1, Class 1
1200 Joule Certificate
Ball testing according to DIN 18032 T3
Puck Test (180 km/h) MPA

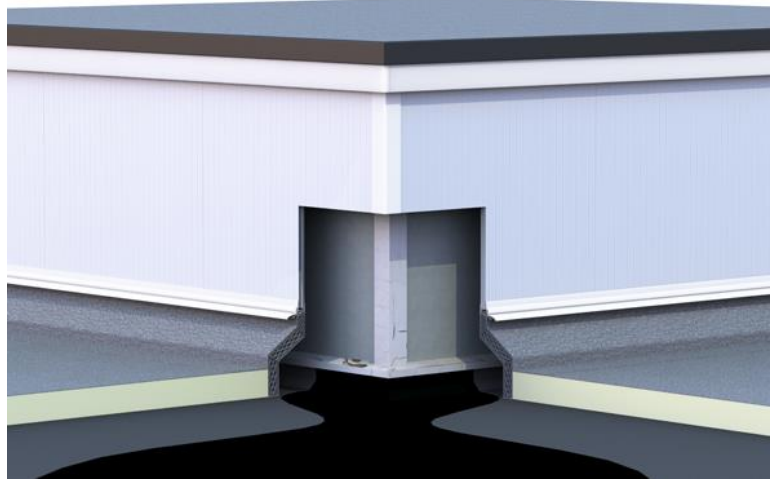
Roofing



Product Data

Form

Appearance



Sizes

Sheet thickness: 40mm
Multi-walled: 9-walled
Sheet width: 435mm
Sheet length: Lengths on request (upto 7m)
Unsupported length: 2.10m (>2.10m use horizontal reinforcements and clips)

Technical Data

Chemical Base

Polycarbonate, translucent, multiwall, modular clip together panel system with aluminium frame profiles

	Light Transmission
Frost Clear	62%
Frost Opal	54%
Application Temperature	-40°C to +120°C

	Thermal Transmission
U-value (W/m²K)	0.99W/m ² K (calculation according EN ISO 6946:1997)*

Product Data Sheet

Edition 08.2015

Identification no. 02 09 45 11 400 0 000007

Version no. 01

Dilation Coefficient 0.065mm/m°K

Air permeability 0.33m³/h/m° according UNI EN 1026:2001
Class 4 according UNI EN 12207:2000

Water permeability Frame Profile :
Water permeability class 6A (EN 12208)

Sheet
Water permeability class 9A (EN 12208)

Wind Load A1 (EN 122210)

Impact resistance I5 (14351-1)

Density 1200g/m³

Weight per m² 4.1kg

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Value Base

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

Health and Safety Information

For information and advice on the safe handling, storage and disposal of chemical products, please refer to the most recent Material Safety Data Sheet.

Disclaimer

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General Information**Specification assistance**

NBS is the industry standard specification system, which allows architects, specifiers and engineers to insert clauses into specifications by manufacturer and product, making the process quicker and more efficient. We are members of NBS Plus and therefore detailed up-to-date product information is readily available to create accurate specifications.

Contact Details

For further information please contact:

Sika Liquid Plastics

Sika House

Miller Street

Preston

Lancashire

PR1 1EA

Enquiry line: +44 (0)1772 259781

Fax: +44 (0)1772 255670

e-mail: liquidplastics@sika.uk.com

Registered office: Sika Ltd, Watchmead, Welwyn Garden City, Hertfordshire, AL7 1BQ
Registered in England: 226822

