

PRODUCT DATA SHEET

Decolight Rooflight Systems

POLYCARBONATE ROOFLIGHTS AND UPSTANDS

PRODUCT DESCRIPTION

Polycarbonate Rooflights thermoformed from polycarbonate sheet and are available in single, double or triple skin construction.

USES

- For use with liquid applied waterproofing systems
- For insulated and non-insulated roof designs
- For new construction and refurbishment projects

CHARACTERISTICS / ADVANTAGES

- Single, double or triple skin construction available
- Various shapes including dome and pyramid available
- Extensive range of sizes available
- Deemed 'non-fragile' when specified with polycarbonate glazing
- Energy level compliance when tested to pr EN 1873
- Class B, when tested in accordance with ACR(M):001:2005
- Manufactured to BS ISO 9001

APPROVALS / STANDARDS

- BBA Certification number 10/4715.
- CE Marked, tested in accordance with EN1873:2005 - Declaration of Performance (Number 02 09 45 11 400 0 000007 1139)

PRODUCT INFORMATION

Chemical Base	Thermoformed from polycarbonate sheet and are available in single, double or triple skin construction.		
Packaging	Decolight Rooflight Systems is supplied in labelled packaging		
Appearance / Colour	Available in clear, opal diffused, bronze or heat-reflect (reflecting up to 67% of the heat radiation) glazing. Dome shaped Decolight® rooflights are available as square, rectangular or circular units. Pyramids are available as square or rectangular units. A limited range of triangular pyramids are available.		
Shelf Life	Unlimited shelf life when stored as per instructions		
Storage Conditions			
Product Declaration	Light Transmission	Polycarbonate	Acrylic
	Clear	86%	92%
	Opal Diffused	50%	83%
	Bronze	46%	55%

Dimensions	Extensive range of sizes from 400 x 400mm to 1700 x 2900mm. Many sizes are available ex-stock for immediate delivery.	
Thickness	All polycarbonate rooflights use a minimum 3mm thick glazing.	
Service Temperature	Polycarbonate -50 to +120°C	Acrylic -30 to +70°C
Design Considerations	Thermal Transmission Typical Values Decolight Rooflight Systems	U-value (W/m²K)
	Single Glazed	5.51
	Double Glazed	2.90
	Triple Glazed	1.78
	Measured in a hot box in the vertical plane according to BS EN ISO 12567-2:2005	

VALUE BASE

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

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

ECOLOGY, HEALTH AND SAFETY

A Safety Data Sheet following EC-Regulation 1907/2006, Article 31 is not needed to bring the product to the market, to transport or to use it. The product does not damage the environment when used as specified.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

TECHNICAL ENQUIRIES

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