

Naturalight Thermoformed Rooflight Product Datasheet



Naturalight Systems Ltd thermoformed rooflights are manufactured to the highest standards and are designed to give maximum weather protection and light transmission.

All rooflights are tested in accordance with harmonised European standard BS EN 1873:2005 and carry the CE mark.

Rooflights are manufactured from UV protected polycarbonate sheet in either domes or pyramids. Polycarbonate offers high impact resistance as well as a variety of glazing tints in either clear, opal, diffused or bronze.

The range of rooflights are available in either single*, double or a triple skin construction. Double or triple skin rooflights help to increase thermal and noise insulation as well as reducing the possibility of condensation, this ultimately provides designers, architects, and contractors with a wide range of options.

Polycarbonate rooflights comply with L1 and L2 of building regulations and have been tested by the BRE for non-fragility. Along with our standard size range, non-standard sizes are available on request.

* Not tested by BRE for non-fragility

Circular Rooflights

Circular / Domed rooflights are made to a maximum of 2.4 metres in diameter using a central roll joint.

Barrel Vaults

For larger area expanses the Thermoformed Barrel Vault is available which is manufactured using interlocking 1 metre sections for site assembly.

Polycarbonate (Solid Sheet)

UV protected polycarbonate glazing options; Clear, Diffused, Bronze and Opal

Glazing options

'U' Values

Double Skin	2.6 Wm ² /K	As installed
Triple Skin	1.8 Wm ² /K	As installed
Quad skin	1.4 Wm ² /K	As installed

(Additional laylight options available on request for increased thermal values)

Light Transmission (UV Absorbing)

Clear 87%	A high light transmission with minimum privacy.
PAG 86%	A high light transmission with a translucent appearance for additional privacy
Opal 50%	A low light transmission reducing glare and shadow with increased privacy.
Bronze 51%	A low light transmission as opal with the added benefit of reduced solar heat gain

Serviceable temperature

-50 to 120°C

Fire

BS 476 pt3:2004 AA rating
BS 476 pt7:1997 class 1Y

Weight

3mm - 3.6kg/m² 4mm - 4.86kg/m²

Maintenance

Thermoplastic has a self-cleaning property; however, Naturalight Systems Ltd products can be cleaned if required by using a light detergent and a non-abrasive cloth. It is advised when cleaning any product that you should always assume that they may be fragile and you should never walk, stand, or lay across them.

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Section Renders

