

Celeste



Triple skin flat roof windows - Technical information and model selection



Celeste flat roof window

- 30 model range
- Triple skin* clear or opal dome window
- Insulated GPR up-stand that meets Building Regulations

Why triple skin?

To meet the requirements of the Building Regulations roof windows, also known as roof-lights, will generally have to have a U-value of 2.2W/m²K or better over the whole unit including the dome and the up-stand. Celeste flat roof windows achieve this U-value as they have triple skin domed windows (refer *note in table) and insulated GRP up-stands.

Non-vented or Vented up-stand

Where ventilation in the room is provided by other means then a non-vented up-stand with a fixed dome window model can be specified. However, in kitchens and south facing rooms an opening dome window should be considered. An optional two metre opening rod is offered. Models with a vented up-stand should be considered for workshops and garages.

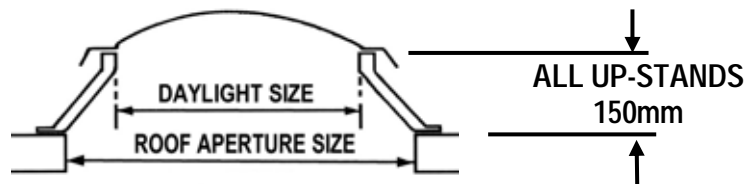
Opal polycarbonate dome window – see note in table

An opal outside skin (made from polycarbonate) should be considered if the roof window is overlooked by adjacent premises.

Celeste model selection

| Daylight size (All models) mm | Models with Non-vented up-stands | | | Models with Vented up-stands | |
|-------------------------------------|----------------------------------|-----------------------------------|-------------------------------------|---|-----------------------------------|
| | Roof aperture size mm | Fixed dome window nbs model | Opening dome window nbs model | Roof aperture size mm | Fixed dome window nbs model |
| 400 x 400 | 650 x 650 | CFNV4040 | CONV4040 | 600 x 600 | CFV6060 |
| 500 x 500 | 750 x 750 | CFNV5050 | CONV5050 | | |
| 600 x 600 | 850 x 850 | CFNV6060 | CONV6060 | 800 x 800 | CFV8080 |
| 750 x 750 | 1000 x 1000 | CFNV7070 | CONV7070 | 950 x 950 | CFV9595 |
| 800 x 800 | 1050 x 1050 | CFNV8080 | CONV8080 | | |
| 900 x 900 | 1150 x 1150 | CFNV9090 | CONV9090 | 1100 x 1100 | CFV1111 |
| 1000 x 1000 | 1250 x 1250 | CFNV1010 | CONV1010 | * To comply with strength and fire regulations all triple skin dome windows have an... Outside skin made from polycarbonate Middle skin made from acrylic Inside skin made from polycarbonate Refer Installation Guidelines for Fire Regulations | |
| 1200 x 1200 | 1450 x 1450 | CFNV1212 | CONV1212 | | |
| 400 x 700 | 650 x 950 | CFNV4070 | CONV4070 | | |
| 400 x 1000 | 650 x 1250 | CFNV4010 | CONV4010 | | |
| 500 x 1000 | 750 x 1250 | CFNV5010 | CONV5010 | | |
| 700 x 1000 | 950 x 1250 | CFNV7010 | CONV7010 | | |
| 1000 x 1600 | 1250 x 1850 | CFNV1016 | CONV1016 | | |

Flat roof window with an outside OPAL skin – Add OS to the model reference e.g. CFNV4040OS



Key dimensions for Celeste triple skin roof windows