

# Celeste



## Triple skin flat roof windows

The Celeste series is conveniently available from the nationwide build shop limited



Celeste flat roof window

- 30 model range
- Triple skin\* clear or opal dome window
- Insulated GRP up-stand that meets Building Regulations
- Class 1 lower surface flame spread rating
- Suitable for three layer felt, mastic asphalt and reinforced glass fibre matting

### Introduction

Celeste is a range of high quality roof-lights designed to give home owners the opportunity to maximise the use of natural light in flat roofed structures. The roof-lights offered by **nbs** can have fixed or opening triple skin dome windows. The Non-ventilated or Ventilated up-stands are made from Glass Reinforced Plastic (GRP) with an inbuilt insulation layer.

Model selection table and specification advice is given on the **nbs** Technical Leaflet for this product. Installation Guidelines are provided on the **nbs** Installation Leaflet.

### U-values

Celeste up-stand units have good thermal insulation performance and their triple skin dome window will minimise the risk of condensation under normal conditions. However, where units are used in areas of high condensation, statutory ventilation requirements must be maintained.

\* 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

### Roof Finishes

Celeste flat roof windows can be installed in three layer felt, mastic asphalt and glass fibre matting.

### Window opening models

A manually operated mechanical stay holds the triple skin dome window at any position from closed to a maximum opening of 280mm. A two metre opening rod is optionally available.

### Security

The triple skin domed window has a polycarbonate outside skin which is extremely tough, giving excellent protection against vandalism and sudden impact.

All models have tamper resistant fixings which make the unauthorised dismantling of the window from the up-stand extremely difficult.

### Light Transmission / Privacy

Celeste models are designed to give the optimum daylight area in relation to the roof aperture size. Clear polycarbonate has a very high level of transmission and spread of light. Where privacy is required, an outside skin made from opal polycarbonate can be chosen. The outside opal skin obscures vision and provides a more diffused light. Light transmission is reduced when compared with a clear window.

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### Durability

The outside skin of Celeste dome windows is manufactured from polycarbonate sheet which has a long-life weather resistant surface. Ubbink provide a 10 year guarantee based on this material's weather resistant properties.

### Certification

Celeste roof-lights are covered by Wimlas Certificate of Assessment No 078/00.