

# ECLIPSE Technical data sheet No 9 – CONSERVATORIES

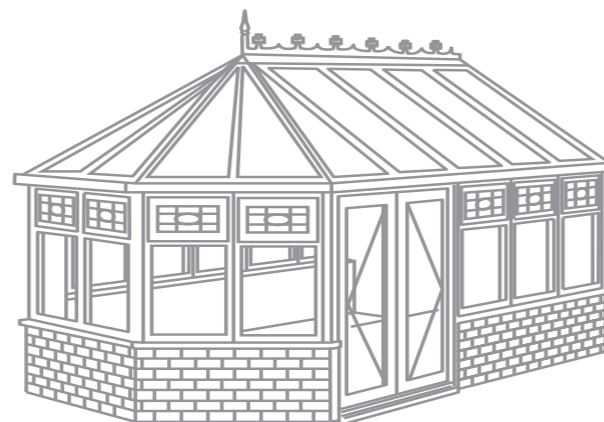
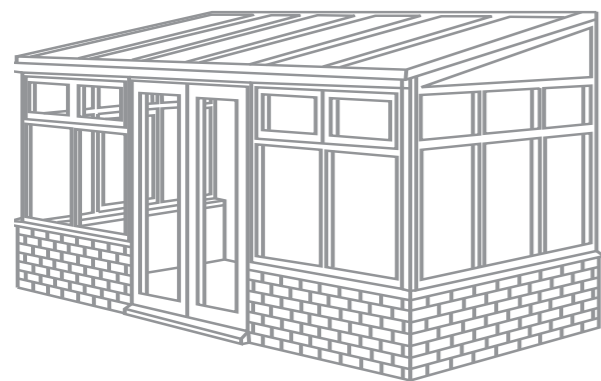
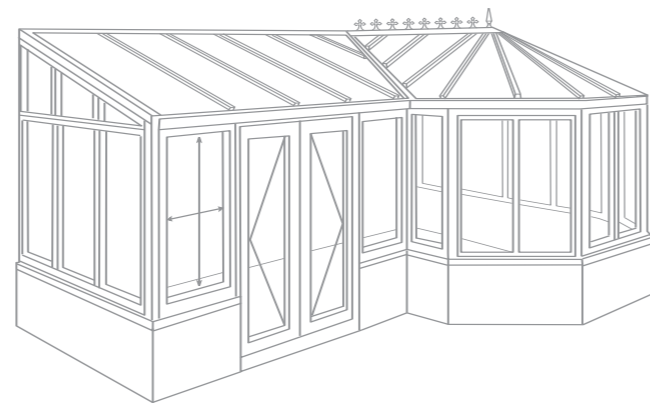
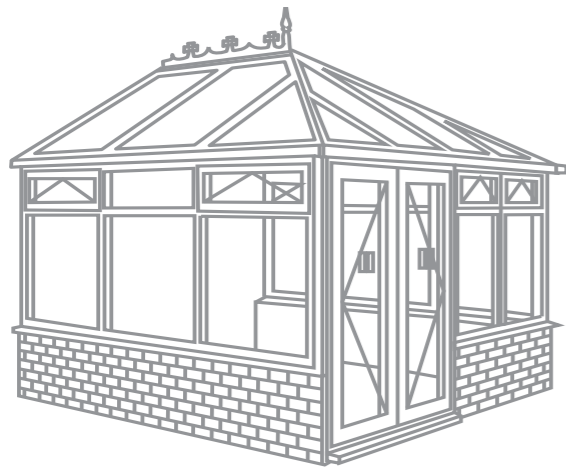


Windows • Doors • Conservatories

**ECLIPSE**

This Technical Data Sheet has been prepared by WHS Halo, a division of Bowater Building Products, with reasonable care for general guidance purposes only. Reliance on the information contained in this document shall be the entire responsibility of the person/persons so relying and in no event shall Bowater Building Products be liable for any direct loss or damage attributable to reliance on this Technical Data Sheet. Under no circumstances shall Bowater Building Products be liable for any indirect or consequential loss or damage including, but not limited to, loss of profit and loss of contracts.

As part of our policy of continuous improvement we reserve the right to alter specifications without prior notice



**Key Features List**

- Eclipse 70mm frame depth products can be combined for enhanced aesthetic appearance
- Casement Windows, Tilt & Turn Windows, Residential (single leaf) Doors, French Doors, In-line or Tilt & Slide Patio Doors may be used in combination
- Chamfered product design for slim sightlines
- Internal or External Beading options for casement windows
- Chamfered or sculptured bead designs
- Single Leg or Shuffle Bead options
- Dedicated PVCu screw ports for secure fixing of hardware
- Designed to accept the latest hardware innovations
- Products enable compliance with latest Building Regulations
- 24mm and 28mm sealed unit depths
- Unique coupling nut system enables products to be fixed to each other quickly and securely

Eclipse products, 70mm frame depth and low maintenance requirements ensure the Eclipse system is the perfect choice for beautiful conservatories. Specially design components for conservatories include sculptured bay poles for variable and 90° and 135° fixed angles.

**Profile Finishes**

Eclipse window and door products are available in the following finishes:

- White
- Rosewood
- Light Oak
- Rosewood on the outside, White on the inside
- Light Oak on the outside, White on the inside

For complimentary white infill panels and finishing trims the recommended colour references are RAL 9010 OR NCS 0502-414R.

**Cleaning and Maintenance**

PVCu is not affected by airborne pollution, salt, ozone or acid rain. In order to maintain the superior appearance of Eclipse products, frames should be wiped down with a mild liquid detergent as required. Proprietary brands of glass cleaners may also be used. The use of abrasive cleaning agents is not recommended as it may result in damage to the surface finish of the PVCu and/or glass.

On an annual basis lubricate all pivot points sparingly with light machine oil.

**Manufacture**

The versatile Eclipse range is the perfect system to create beautiful conservatories. Every Eclipse conservatory is unique and designed to complement its surroundings. A conservatory comprises a combination of Eclipse window and door products, which are manufactured or coupled together to form the 'walls' of the conservatory. The conservatory roof is sourced from a dedicated conservatory roof supplier who has developed and tested the roof in a variety of designs and wind and weather loadings. Please request details from your Installer on the particular conservatory roof for an individual installation. WHS Halo recommends that only BBA approved roofs are used with Eclipse products.

**Applications**

Eclipse conservatories are designed to withstand the vagaries of the UK and Irish climates. The wide range of glazing options, including pre-formed thermally insulated door panels provide for both traditional and modern tastes. The Eclipse system has been successfully used to construct Victorian, Edwardian, and Georgian conservatory styles, as well as 'Lean To' Conservatories and Sun Rooms and combination conservatories (eg P shaped). The slim sightlines of



Eclipse casement windows are made to order to the sizes and sash configurations specified by the customer, subject only to the following size limitations.

All dimensions are shown in mm						
Minimum Width	400	400	400	400	400	400
Minimum Height	400	400	400	800	800	800
Maximum Width	2000	1250	700	1800	1200	700
Maximum Height	2000	1250	1350	2000	2400	2400

All dimensions are shown in mm. All styles shown are as viewed from the OUTSIDE. The hinged side of the vent is designated by the point of contact between the window frame component and the pinnacle of the triangle depicting the vent. Sizes in brackets denote use of 70mm outerframe.

All dimensions are shown in mm							
Minimum Width	800	800	400	400	1200	1200	800
Minimum Height	400	400	800	800	400	400	800
Maximum Width	3600	3600	1200	700	3600	3600	1800
Maximum Height	1250	1350	2400	2400	1250	1350	2000

All dimensions are shown in mm									
Minimum Width	800	800	1200	1200	1200	1200	1200	1200	1200
Minimum Height	800	800	800	800	800	800	800	800	800
Maximum Width	3600	1980	3600	1650	2250	1650	1650	3000	3000
Maximum Height	1800	1350	1800	2400	1350	2400	2400	1650	1650

**Note:** The individual friction stay manufacturers weight capabilities should be referred to when calculating maximum sash sizes and sealed unit configurations.