

ECLIPSE Technical data sheet No 1 - WHS Halo overview



Windows • Doors • Conservatories

ECLIPSE



1. Introduction

By specifying the Eclipse PVCu Window and Door System, you are guaranteed a range of beautifully designed products that meet or exceed industry accreditations. Its contemporary, yet elegant design coupled with a robust technical specification provides the perfect system for the discerning customer.

The Eclipse system encompasses a comprehensive range of PVCu profiles that are extruded in the United Kingdom. A network of professional, reliable, fabricators and installers covering the UK, Ireland, the Isle of Man and the Channel Islands, ensure the highest levels of customer satisfaction at a local level.

The Eclipse range includes:

- β Casement Windows
- β French Casement Windows
- β Tilt & Turn Windows
- β Vertical Sliding Sash Windows
- β Residential Doors
- β French Doors
- β In-line and Tilt & Slide Patio Doors

The Eclipse System is also perfect for use in conservatories and sunrooms and, as you would expect from a leading brand, the innovative portfolio also includes roofline, trims, cladding, and curtain walling products.

2. Company Profile

Eclipse is one of a range of advanced PVCu window and door systems designed, extruded and manufactured by WHS Halo, a division of Bowater Building Products. WHS Halo is based near Birmingham and was formed in 1994 when Halo Systems acquired W H Smith & Sons (Extrusions) Ltd; previously both companies had been at the fore front of the window industry for more than 20 years.

WHS Halo is firmly committed to continually provide technically superior products to its customers, incorporating features that promote longevity in use, optimum weather and security performance and minimal maintenance. Significant and continued investment provide state of the art extrusion, manufacturing, distribution, technical, design and development resources. A full test laboratory with the latest weather and security performance test rigs ensure all products manufactured by WHS Halo meet current and proposed industry standards.

As part of its commitment to business, WHS Halo has, for the last 2 years, won a Business Excellence award, which measures a company's performance against the world class standards of the European Foundation for Quality Management (EFQM) business excellence model. Other winners include BMW and Eaton Aerospace.

3. Accreditation/Independent Certification

WHS Halo's business operations are assessed to the international standard ISO9001:2000, which superseded BS5750.

WHS Halo's products have been installed in private and public sector dwellings, including high rise flats and apartments, schools and commercial buildings for many years. The performance record of these products has been, and continues to be, admirable. Commercial clients include Local Authorities, Health sector organisations and the Ministry of Defence. WHS Halo recognises that achieving independent accreditation for products is a further tangible way of demonstrating product suitability and reliability and has invested in a series of independent product accreditations, shown here.



BS7412
Licence No KM 13589
Windows manufactured
by WHS Halo



BS7413 (EN 12608)
Licence No KM 12892
Profiles supplied by WHS Halo



BS7412 – BS7950
License no KM 34442
'Improved Security Windows'
Windows manufactured
by WHS Halo



Certificate for Windows 99/3579
Windows manufactured by WHS Halo



Certificate for Doors 89/2297
Doors manufactured
by WHS Halo



Enhanced Resistance to Intrusion
Windows manufactured by WHS Halo



PAS 23 Licence no KM61041
Performance standard.
Doors manufactured by WHS Halo



PAS 24 Licence no KM61042
Enhanced security standard.
Doors manufactured by WHS Halo



BS EN ISO 9001: 2000
FM10198 Quality Management System
(WHS Halo)



BS EN 14001: 1996
EMS 56667
Environmental Management System
(WHS Halo)

4. Compliance with Building Regulations

Product specifications and designs are subject to a continual product improvement policy to ensure they fully comply with both current and proposed legislation. Eclipse windows fully comply with the following Building Regulations for England, Wales and Scotland (with regional variations):
Part A – Structure (for Bay Windows)
Part B – Egress
Part F – Ventilation
Part K – Protection from Collision
Part L – Conservation of Fuel & Power
Part M – Disabled Access
Part N – Safety Glazing

Scotland regional variations:
Part E – Means of Escape from Fire
Part H – Resistance to Transmission of Sound
Part J – Conservation of Fuel and Power
Part K – Ventilation of Buildings

Whether you are specifying windows, doors or a new conservatory you can be sure the highly versatile Eclipse range of PVCu products offers unbeatable choice and value for money.