

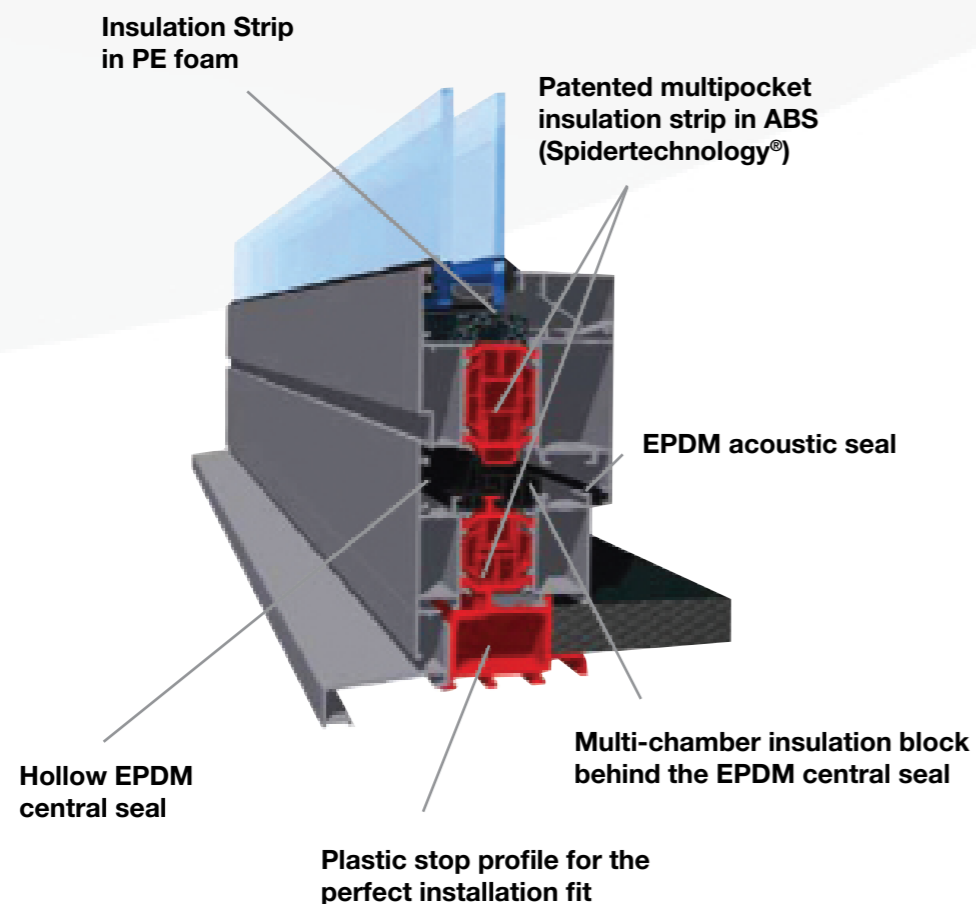
blyweert[®]
Range

Triton HI

High Insulation 3 Chamber Aluminium Door & Window System

www.blyweertbeaufort.com





TRITON HI

High Insulation 3 Chamber Aluminium Door & Window System

Triton HI is a 3 chamber High Insulation aluminium window and door system designed to offer you sound product performance combined with exceptional thermal performance. Triton HI is designed to offer you maximum flexibility in design and functionality. Triton HI incorporates patented Spidertechnology® ABS strips which allow you to achieve the high thermal insulation without expensive system changes.

Design Features

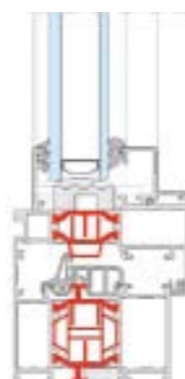
- Three Chamber window and door system
- Integrated system allowing you to suite window and door products
- Incorporates both standard and Eurogroove mounted hardware
- Available with varying aesthetics to create the exact design required
- High performance system offering competitive prices
- Customisable components allows you to reach your desired thermal performance specification



Triton HI Soft Line



Triton HI Square



Triton HI Linear



Triton® and Triton®HI; simple but effective accessories for achieving the highest insulation standards

Triton® and Triton®HI include a number of optional accessories to achieve the highest insulation standards.

A multi-chamber EPDM insulation block



This can be inserted behind the standard centre seal, creating a multi-chambered "insulation block" in the area between the frame and the panel profile (6 insulation chambers)

This insulation block can be cut at right angles, avoiding complicated inserts or expensive EPDM corner pieces and moreover ensuring for easy installation.

A continuous plastic insulation strip in PE foam.



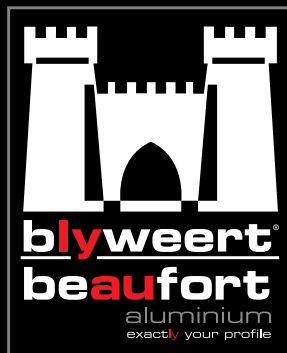
This can be introduced between the glazing and aluminium profile during glazing and prior to placement of the glass panes. This neutralises considerably the heat losses around the glazing

Sizing

Installation depth of frame	Frame Panel	72mm 81mm
Min. profile width frame	Frame Panel	51mm 41mm
Min. profile width door	Frame Panel	51mm 67mm
Min. external profile width of frame	Frame Panel	24mm 94mm
Min. profile width of T-frame		73mm
Rebate height		22mm

Performance

Thermal Insulation Uf	Insulation values profile combination Uf with double glazing <ul style="list-style-type: none"> • Always below 2 W/m²K (Triton HI) • Depending on the selected frame - and combination, the type of glazing and the dimensions of the frame.
Air Permeability	Up to 600 Pa (Class 4) (EN 1026; EN 12207)
Wind Resistance	Up to 1600 Pa (EN 12211; EN 12210) (C4)
Water Penetration	Up to 2000 Pa (EN 750 - EN 1027; EN 12208)



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BS 7950



BS 4873



Official Police Security Initiative



EMS 533907



FM 37878



Certified to LPS 1175: Issue 1
Security Rating 2