Xtreme Quantum Aluminium®

Casement Window

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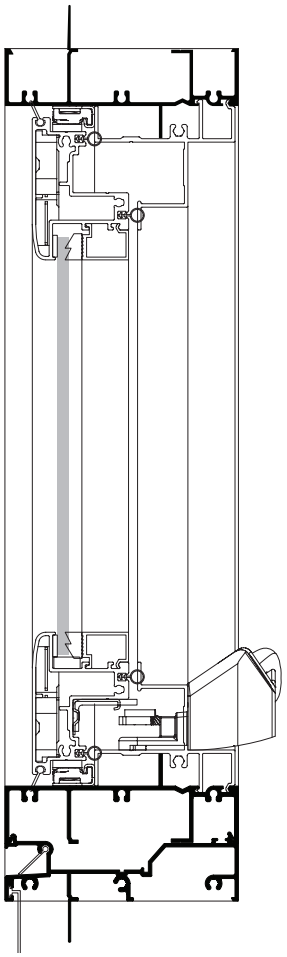
Features & Benefits

Xtreme® Quantum Casement Window

***Xtreme® Windows & Doors have been tested to AS1530.8.1, and comply to Section 8 Construction Service Bushfire Attack Level 40 (BAL-40), Radiant Heat Level 40kW/m², AS3959 (2009). For full details of Standards requirements for individual products please refer to Trend Windows & Doors Technical Department.**



1 Bushfire Features
Xtreme® Bushfire Windows & Doors have been tested to withstand temperatures up to 40kWm² without failure from either the glazing or from the window system itself, to help prevent internal ignition of houses and loss of precious possessions.

2 Xtreme® Bushfire Windows & Doors System Features include patented Van Door® and Pyro-Protec™ Sealing Systems acting to protect the home against wind, water, noise dust and bushfire penetration. Trend® has combined the technologically advanced Xtreme XP® Windows system with Pyro-Protec seals, glazing systems and 5mm standard toughened glass to produce Xtreme® Windows and Doors.

3 Energy Efficiency Options
Trend® Thermashield® in various glazing styles are available to help reduce energy consumption. Trend® Thermashield® means greater control, bigger savings and most importantly one less thing to worry about. Energy efficient options to u-value and SHGC are available for Xtreme® Casement window.

4 Acoustic options
SoundMizer® acoustic solutions in various STC ratings, are available for Xtreme® Bushfire Casement window. SoundMizer® acoustic solutions can reduce aircraft, highway traffic, railway and other annoying noise problems. For information or technical details contact Trend®.

3 Key Lock Scissor Winder
Xtreme® Bushfire Windows & Doors winder mechanism is designed specifically for high performance, security and reliability. The winder can be used in even the harshest environment without worry of corrosion.

Satin Chrome hardware is supplied as standard. 100mm restrictor openers are available for safety options. Key lock is standard for added security.

Optional coloured hardware is anodic natural matt, pearl white, stone beige or black gloss.

4 Side Sash Latch
Handle is operated by 180° rotation from open to closed position and is concealed within the window frame. Operation pulls in sash for a tighter seal against the weather and improved security.

5 Glazing
Xtreme® Premium sash frames have 5mm toughened glass as standard and is available in toughened 16mm double glazing for energy efficiency applications.

6 Frames
Xtreme® Bushfire Windows & Doors framing offers a commercial look for apartments, high end residential, or where ever a commercial frame is required. This robust 102mm frame allows for large fixed lite applications for greater viewing area.

Xtreme® Bushfire Windows & Doors has a truly solid look, reminiscent of timber, and is extremely popular in both traditional and contemporary house designs.

7 Finishes
Powdercoated finishes are available in a range of colours and finishes including Warranty Powders and Anodised options to suit most applications

8 Window Placement
Care should be taken with locating opening Casement Windows in pedestrian traffic areas.

9 Protective Wrapping
Protective wrapping for delivery to site is a standard for all Xtreme® Bushfire Windows & Doors products.

9 Options
Easy to fit tension loaded flyscreens can be fitted and removed from the inside.
Wide range of powdercoat finishes available including timber powdercoat finishes.

Bushfire Protection
Xtreme® bushfire protection that has been tested by CSIRO to BAL–40, which is fully compliant to AS1530.8.1 within AS3959–2009 is available. For full details of Standards requirements for individual products please refer to Trend Windows & Doors Technical Department.

Please note that drawings are not to scale

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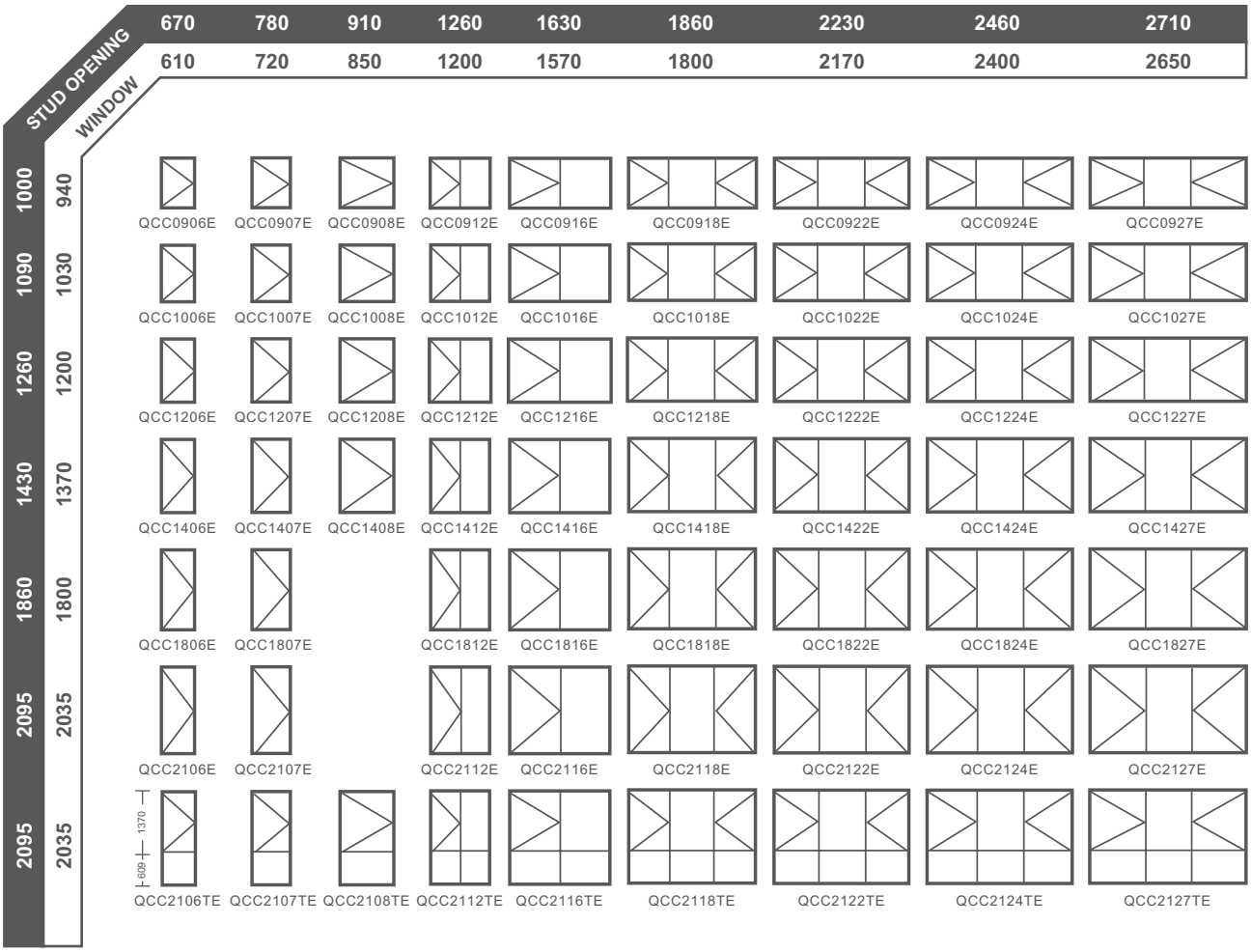
Size Range

Xtreme® Quantum Casement Window



All windows and doors are designed to 700pa velocity and 150pa water rating. For higher ratings consult Xtreme® Windows & Doors

Maximum frame height is 3000mm

Maximum single glass area is 2.4m^2

Screens to be fitted to operating sash area only

NOTES

Xtreme® Bushfire Windows & Doors is available in a 62mm wide sash giving a strong and secure look reminiscent of timber. Ease of operation is facilitated by an operating mechanism specifically designed to fit and complement the Xtreme® Bushfire Casement Windows

* Maximum sash width 720mm

Also available in Colonial and Federation Bar styles.

The above illustrations are window codes for Xtreme® Bushfire Windows & Doors.

For information on double-glazing or wind ratings, please contact Trend® Windows & Doors Sales Representative.

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Ordering Details

Xtreme® Quantum Casement Window

All windows are illustrated as viewed from outside. Codes shown are for plain windows.

Manufactured from 102mm aluminium extrusion.

The first two numbers of code indicate approximate height, the last two numbers indicate approximate width.

Sash Style Options:
E indicates standard Xtreme Sash, eg window code QCC0906E

Configuration Options:
C indicates Casement
CF indicates Casement/Fixed

CC indicates Casement/Casement
CFC indicates Casement/Fixed/Casement
T after the size indicates a Transom

General:
Satin Chrome hardware is supplied as standard

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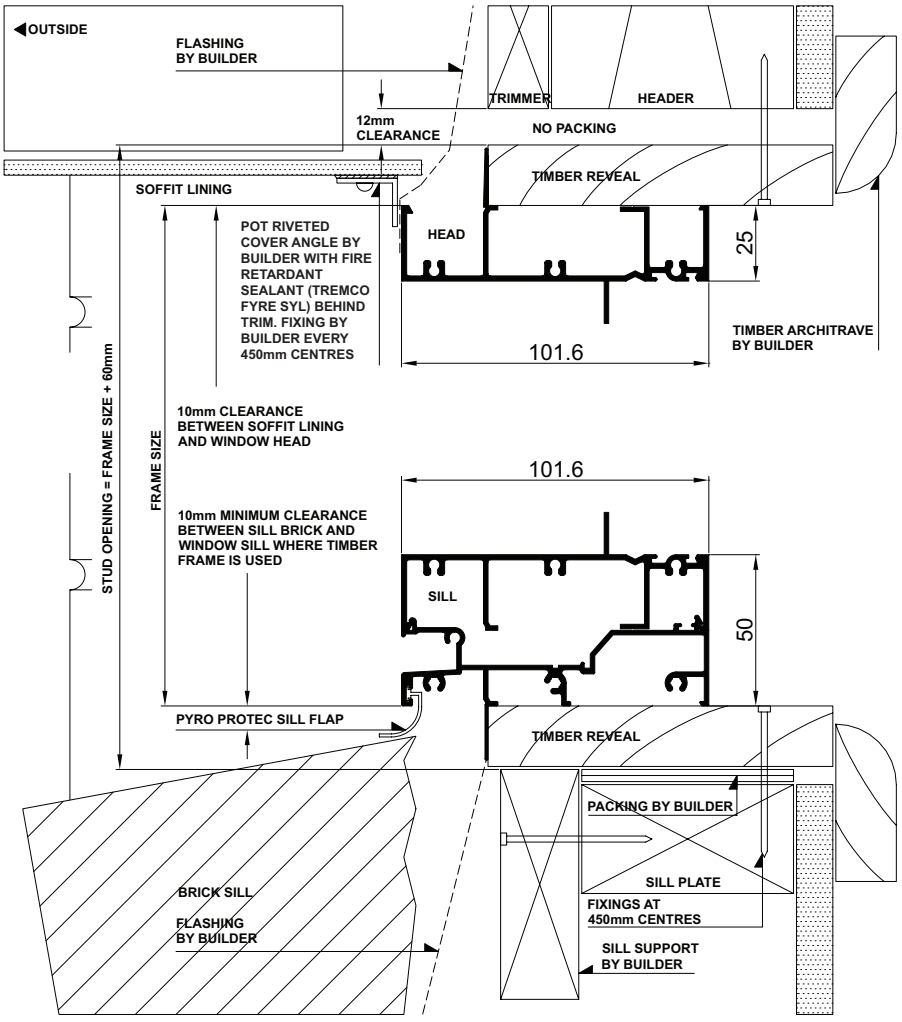
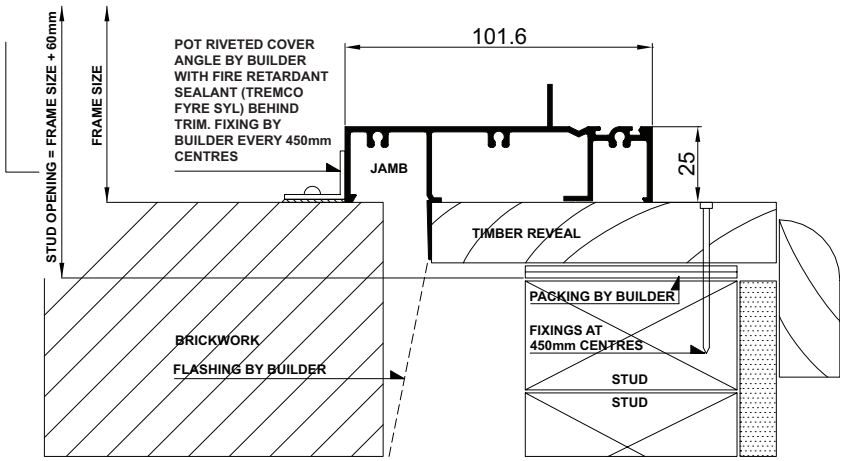
Installation

Xtreme® Quantum Casement Window | Building In Detail | **Brick Veneer - 230mm wall**

HEAD DETAIL



SILL DETAIL



JAMB DETAIL

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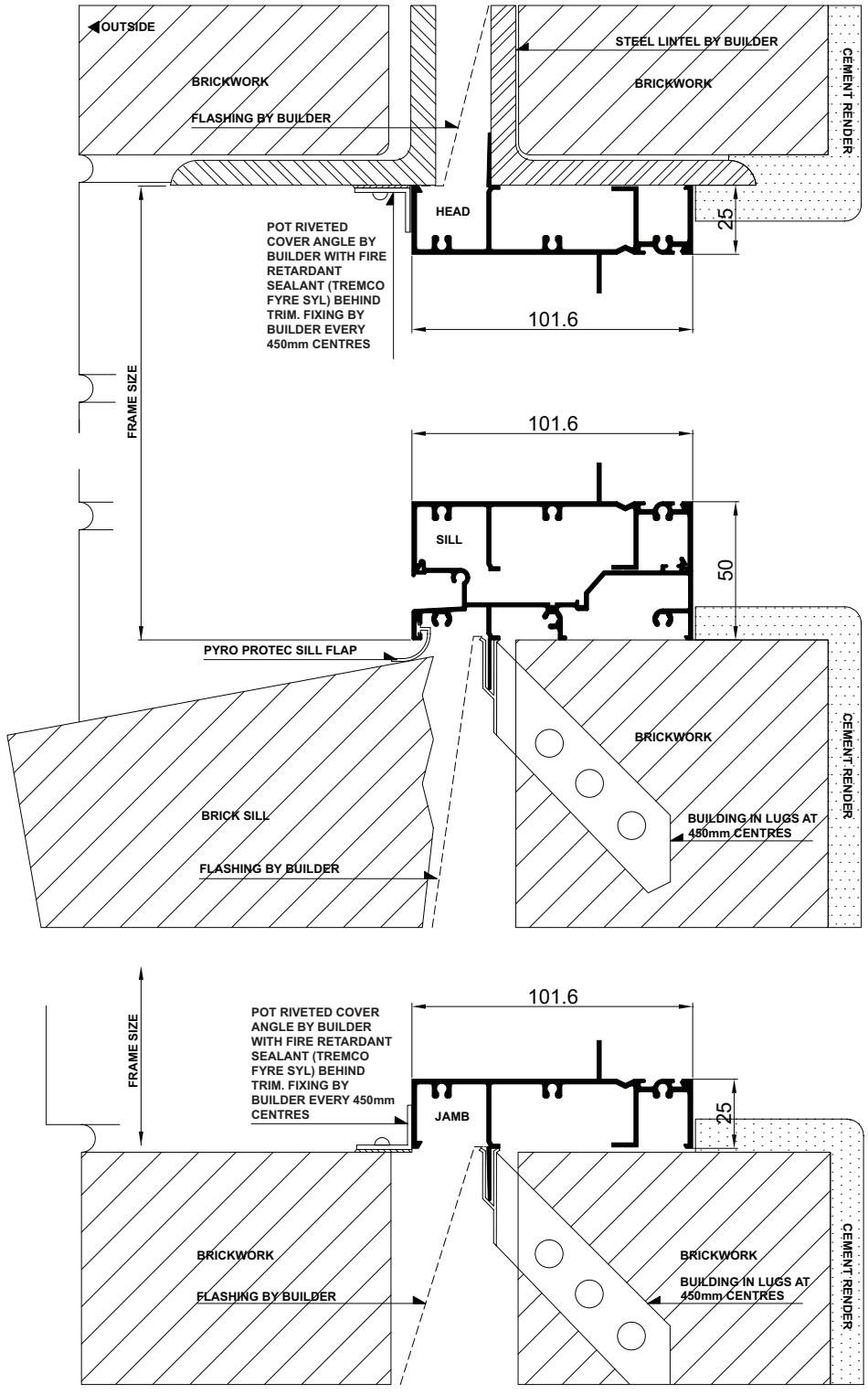
Installation

Xtreme® Quantum Casement Window | Building In Detail | **Double Brick - 280mm wall**



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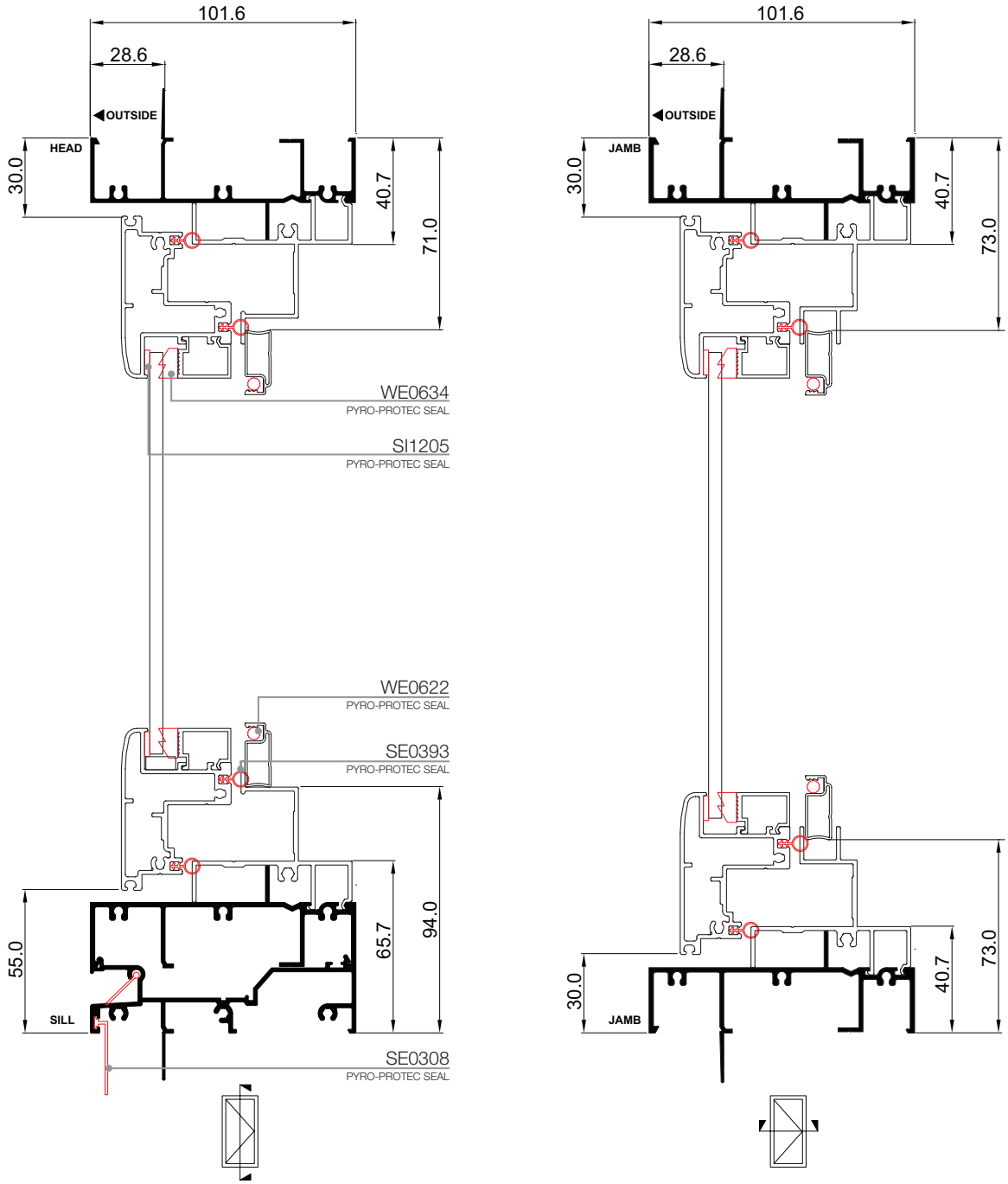
Cross Sectionional Views

Xtreme® Quantum Casement Window | **Single Light**



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Xtreme® Quantum Casement | QCC-E | Mk-2 | 1 July 2013

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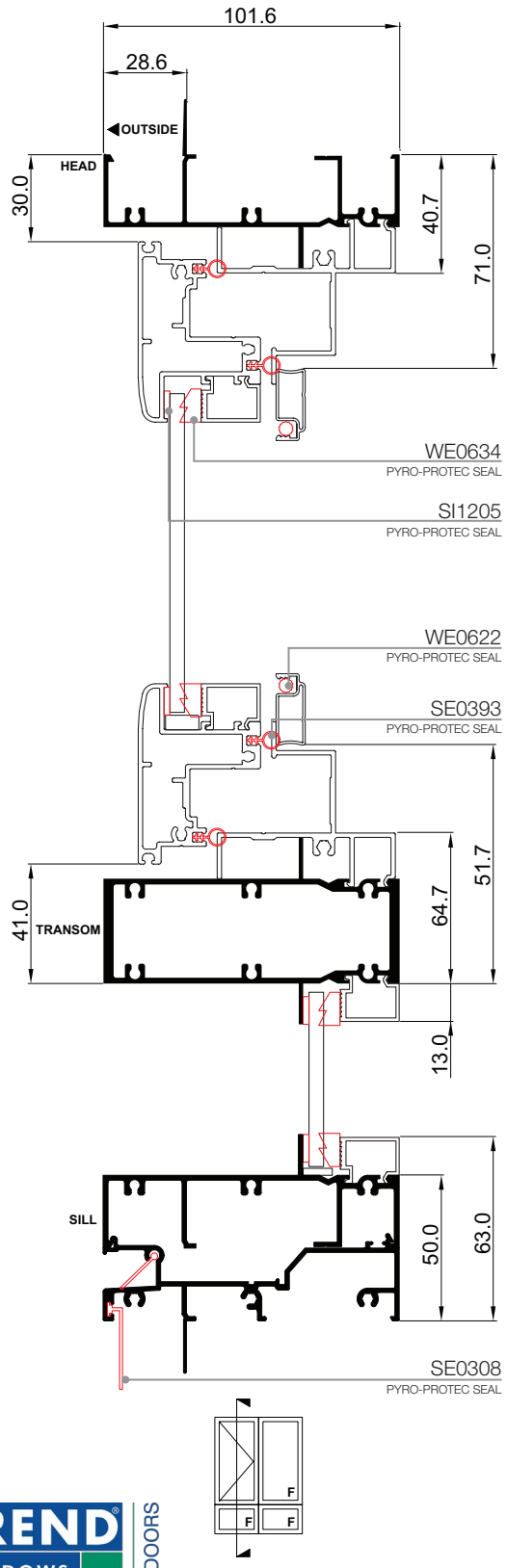
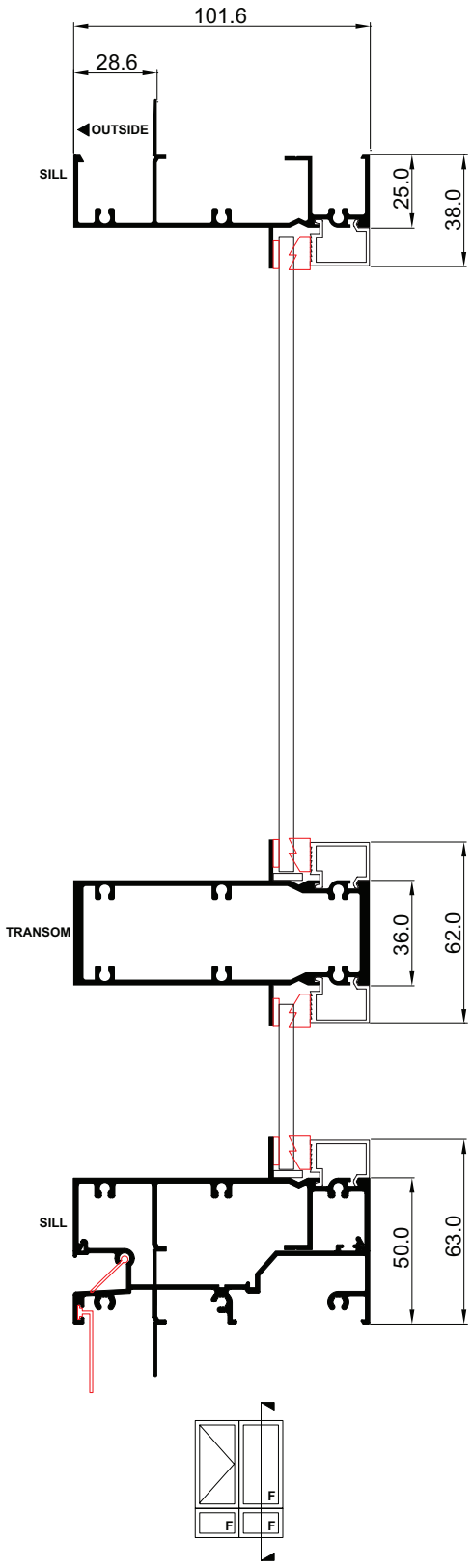
Cross Sectionional Views

Xtreme® Quantum Casement Window | **Two Light with Lowlite**





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Cross Sectionional Views

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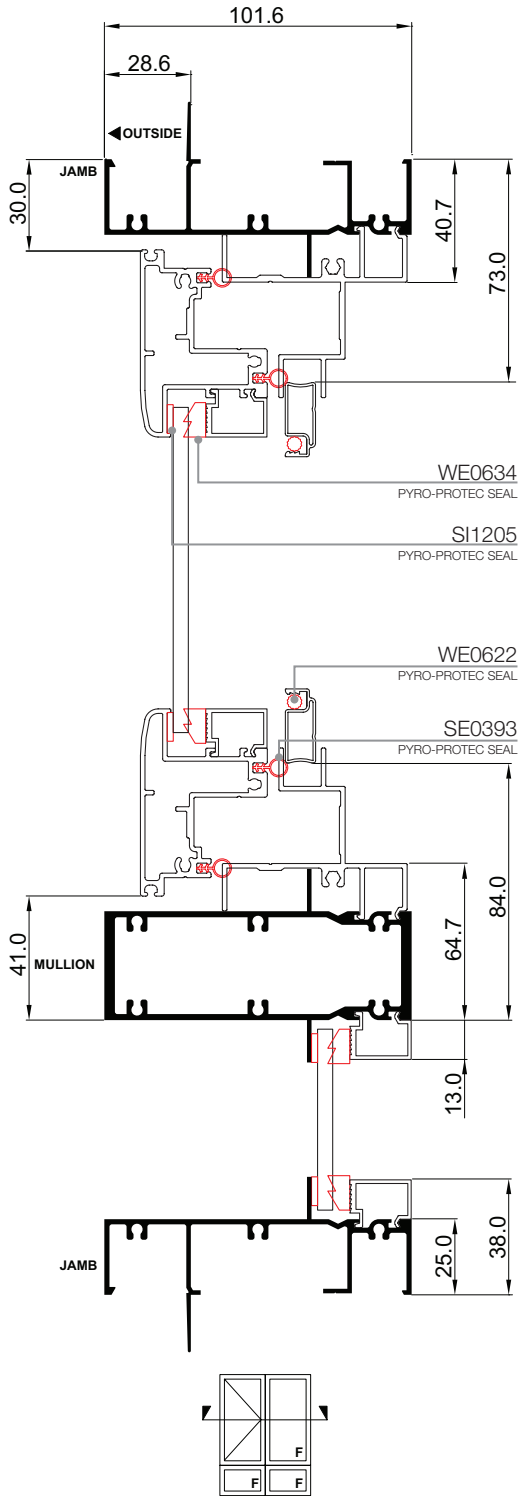

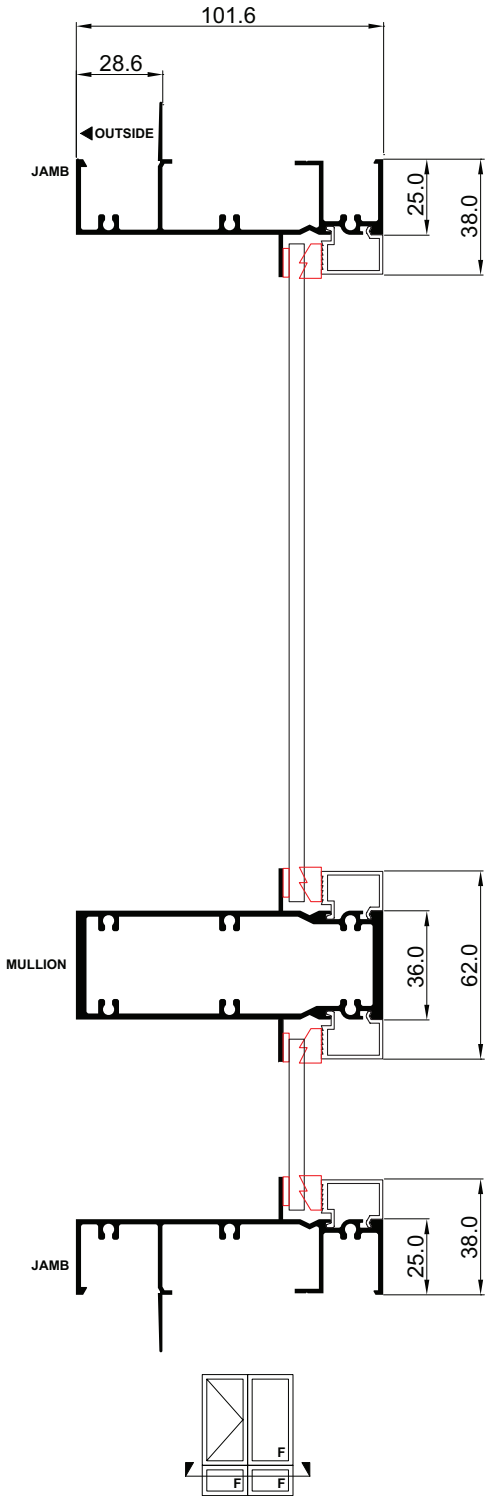

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