

Xtreme Quantum Aluminium[®]

Awning Window

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Features & Benefits

Xtreme® Quantum Awning 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**
Pyro- Protec Sealing Systems acting to protect the home against wind, water, noise dust and bushfire penetration. Trend® has combined the technologically advanced Xtreme 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 for u-value and SHGC are available for Xtreme® Awning window.
- 4 **Acoustic options**
SoundMizer® acoustic solutions in various STC ratings, are available for Xtreme® Bushfire Awning window. SoundMizer® acoustic solutions can reduce aircraft, highway traffic, railway and other annoying noise problems. For information or technical details contact Trend®.
- 5 **Key Lock Scissor Winder**
Awning window winder mechanism is designed specifically for high performance, security and reliability. Satin Chrome hardware is available as standard. 100mm restrictor openers are available for safety options. Key lock is standard for added security.

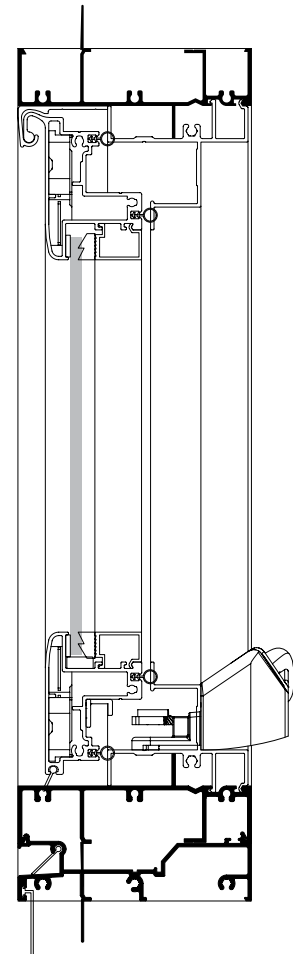
Optional hardware colours are anodic natural matt, pearl white, stone beige and black gloss.
- 6 **Continuous Hinge Hood**
The sash is protected from the weather by a continuous hinge hood that supports the sash and keeps the rain where it belongs - on the outside.

- 7 **Glazing**
Xtreme® Premium sash frames have 5mm toughened glass as standard and is available in toughened 16mm double glazing for energy efficiency applications.
- 8 **Frames**
Xtreme® Bushfire Windows & Doors framing offers a commercial look for apartments, high end residential, or where ever a commercial frame is required. This 102mm robust 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.
- 9 **Finishes**
Powdercoated finishes are available in a range of colours and finishes including Warranty Powders and Anodised options to suit most applications
- 10 **Window Placement**
Care should be taken with locating opening Awning Windows in pedestrian traffic areas.
- 11 **Protective Wrapping**
Protective wrapping for delivery to site is a standard for all Xtreme® Bushfire Windows & Doors products.
- 12 **Options**
Easy to fit tension loaded flyscreens can be fitted and removed from the inside. Awning windows can be inserted into Crestlite commercial framing system. 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.



Size Range

Xtreme® Quantum Awning Window

STUD OPENING WINDOW		670	910	970	1150	1260	1630	1860	2230	2460	2710
		610	850	910	1090	1200	1570	1800	2170	2400	2650
660	600										
1000	940										
1090	1030										
1260	1200										
1430	1370										
1860	1800										
2095	2035										
2095	2035										

Items marked with ** are available in full width operating awning sash

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 2.4m²
 Screens to be fitted to operating sash area only

NOTES

Hinged across the top, the sash of the Quantum® Awning Window swings out from the bottom, giving your home good ventilation – even in wet weather. The sash design offers a wide viewing area, while its excellent sealing qualities ensure added climate control.

In gusty conditions, the sturdy scissor winder mechanism prevents the window slamming.

* Also available in Colonial and Federation Bar styles.

The above illustrations are window codes for Quantum® Awning Window.

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



Please note that drawings are not to scale

Xtreme® Quantum Awning | QCA-E | Mk 2 | 1 July 2013

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Ordering Details

Xtreme[®] Quantum Awning Window

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

Manufactured from 101mm 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 QCA0906E

Configuration Options:

A indicates Awning

AF indicates Awning/Fixed

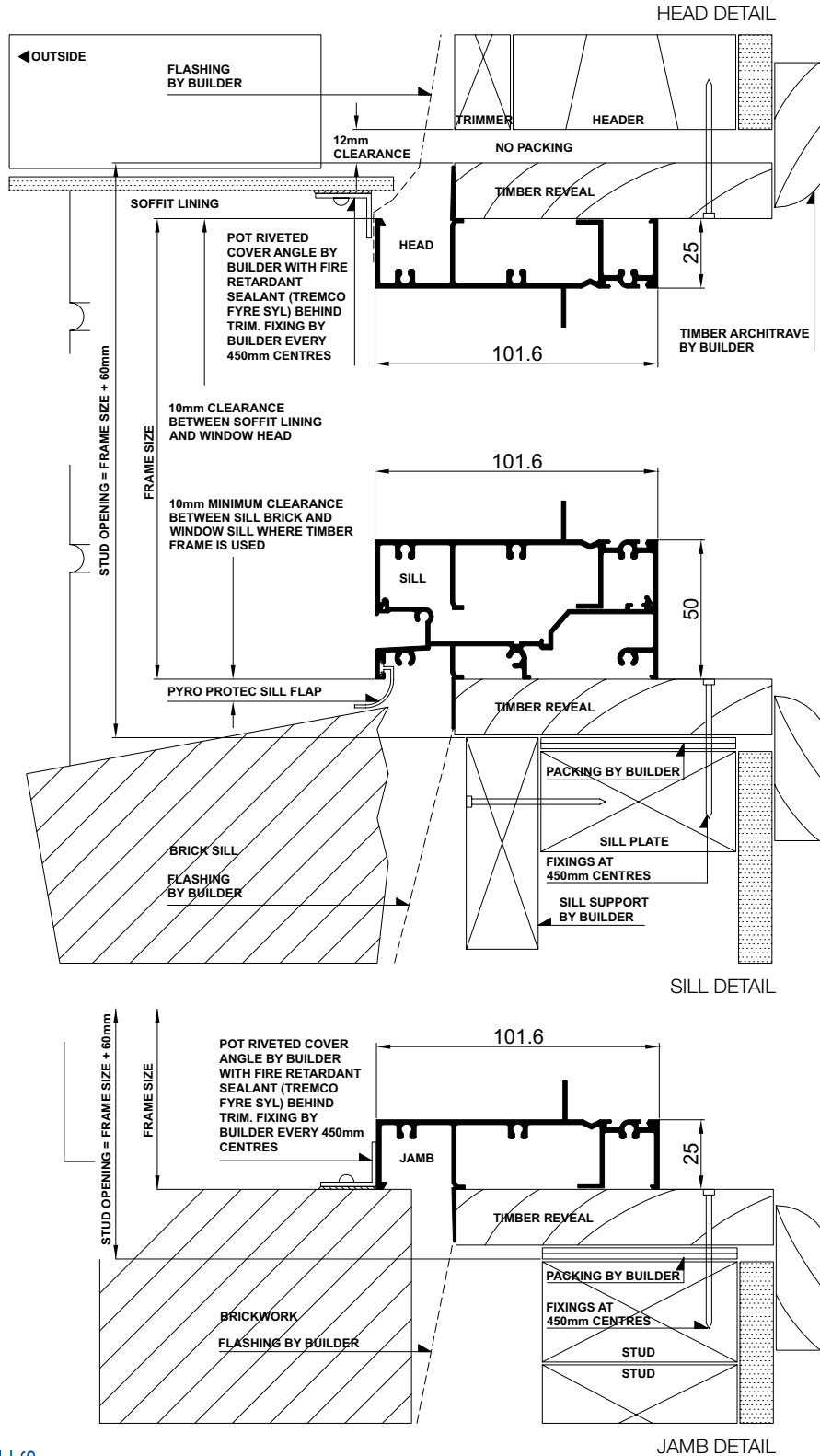
AA indicates Awning/Awning

AFA indicates Awning/Fixed/Awning

T after the size indicates a Transom

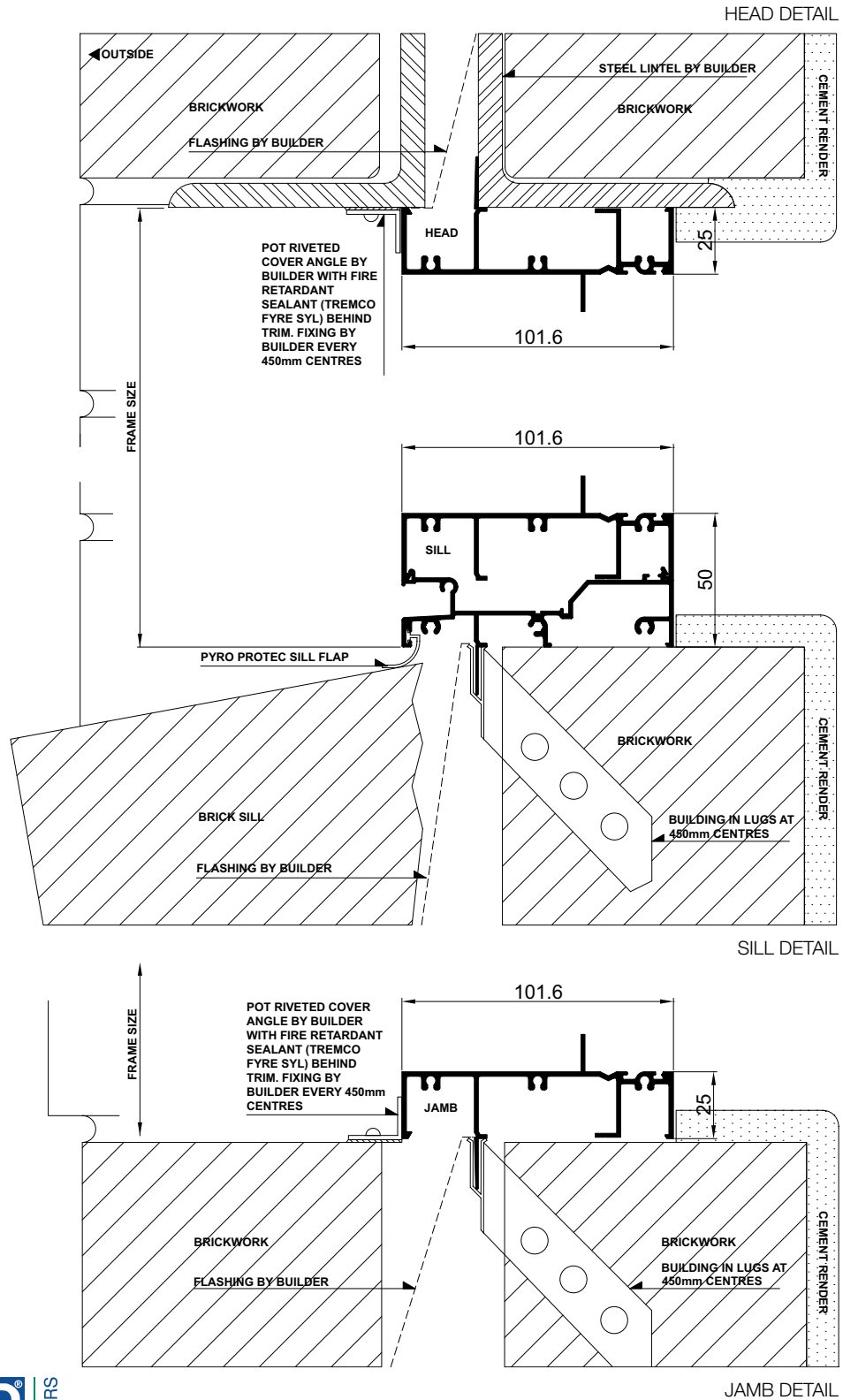
Installation

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



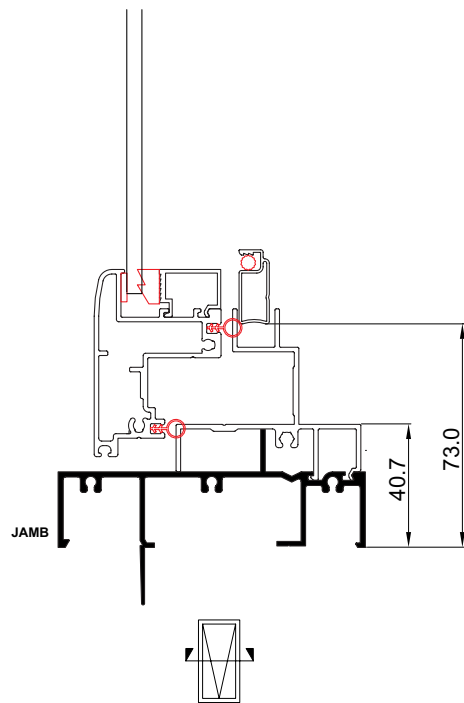
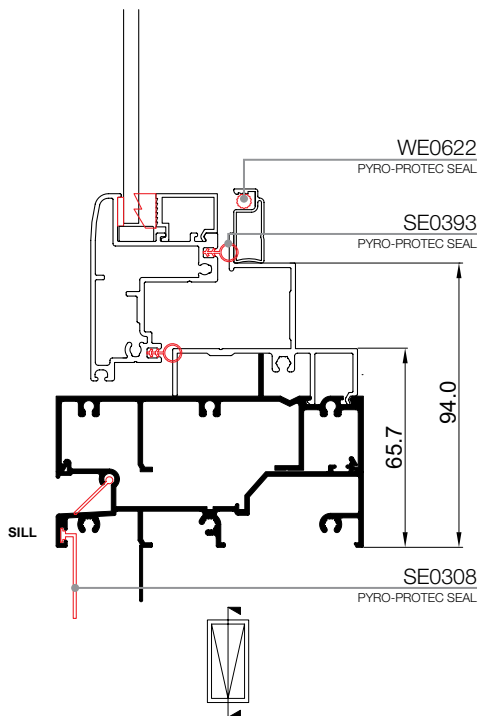
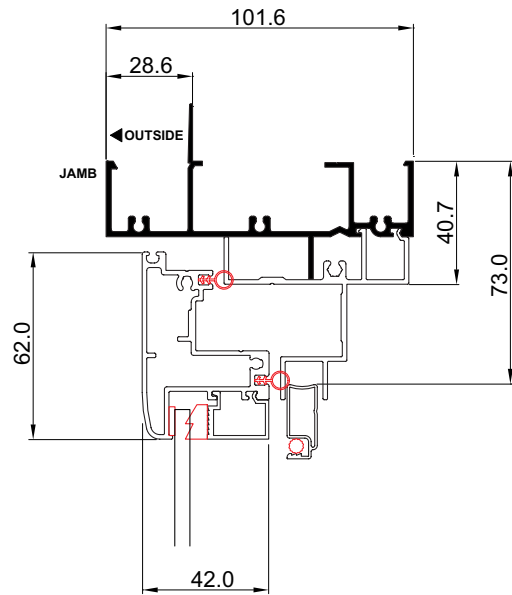
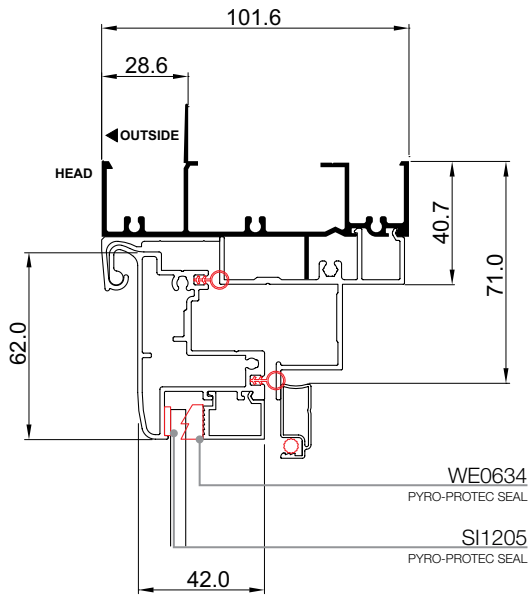
Installation

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



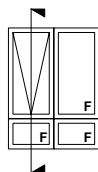
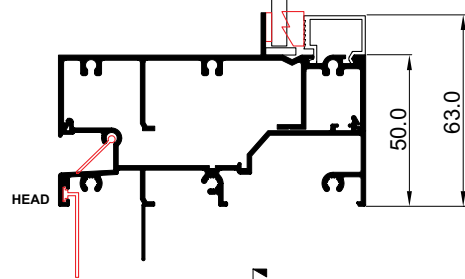
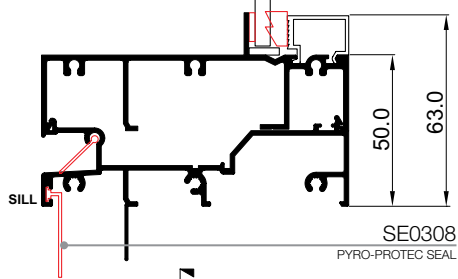
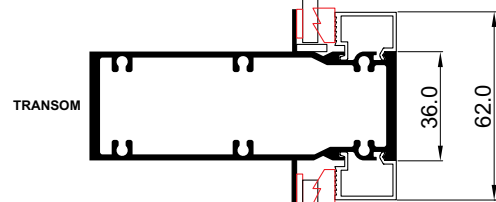
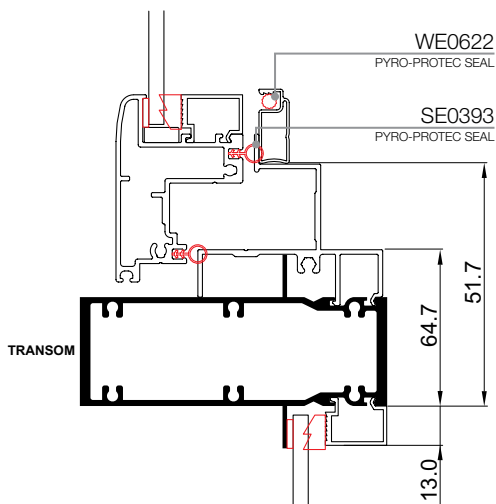
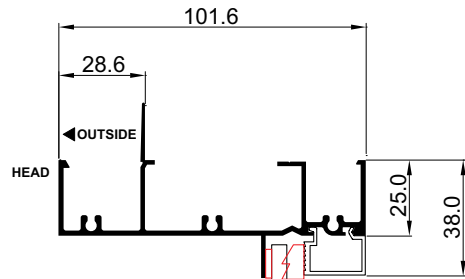
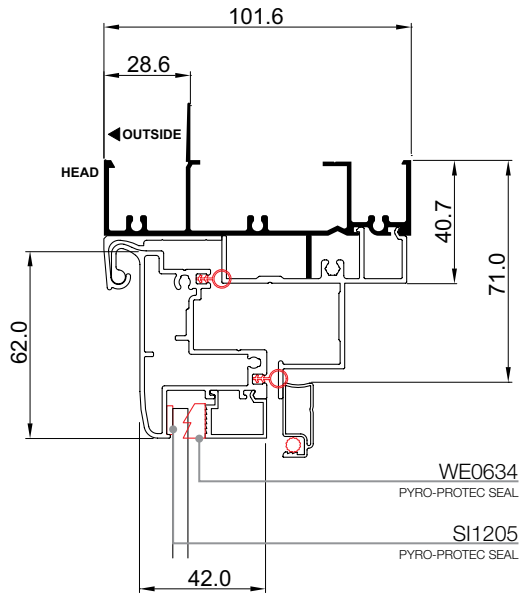
Cross Sectionional Views

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



Cross Sectionional Views

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



Cross Sectionional Views

Xtreme[®] Quantum Awning Window | **Two Light with Lowlite**

