

Trend Synergy[®] Aluminium

Awning Window

TECHNICAL DATA - NSW/ACT/VIC

Features & Benefits

Size Range

Ordering Details

Installation

Cross Sectional Views

Features & Benefits

Synergy® Awning Window

- 1 **Energy Efficiency Options**
To reduce energy consumption, Thermashield® systems are available in various WERS ratings and glazing styles.
- 2 **Acoustic Options**
SoundMizer® acoustic solutions are available for awning windows. SoundMizer® acoustic solutions can reduce aircraft, highway traffic, railway and other annoying noise problems. For information or technical details contact Synergy®.
- 3 **Key Lock Chain Winder**
Awning window winder mechanism is designed specifically for high performance, security and reliability. Supplied with a stainless steel chain as standard for long life and reliability, the mechanisms are mounted securely to the window with a concealed 2-point fixing. Key lock is standard for added security.
- 4 **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.
- 5 **Weather Protection**
The tubular splayed sash, with self-draining trough, assists the continuous surround bulb seal to protect against even the most adverse weather conditions.
- 6 **Sash Corner Protection**
The bottom rail sash corners are protected by a custom nylon cover that acts as a sash guide into the frame.
- 7 **Glazing**
Trend's Synergy® sash is available in double glazing and special

laminates for energy efficiency applications. Acoustic solutions are also available to high STC ratings.

- 8 **Complementary Accessories**
 - 180° non-load bearing couplers, two types available for added mullion strength when required.
 - 135° & 90° non-load-bearing corner couplers to suit bay and kitchen windows.
 - 100mm aluminium architraves for replacement window installations.
 - Adjustable aluminium storm mould.
 - Aluminium 180° and 90° mullion covers to hide load-bearing posts.

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

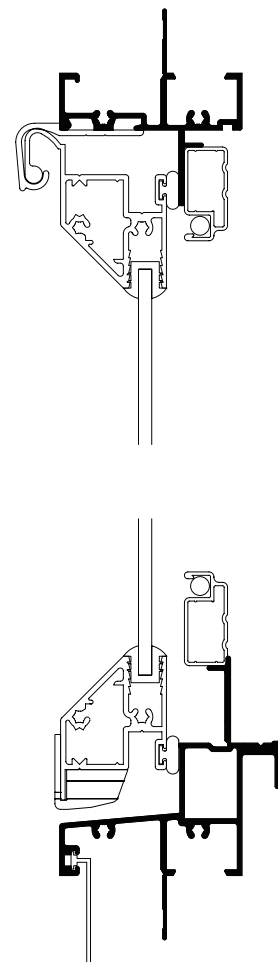
Bushfire Protection
Xtreme® BAL-40 bushfire protection is available for bushfire areas



Xtreme® bushfire protection awning window has been tested by CSIRO to BAL-40, which is fully compliant to AS1530.8.1 within AS3959-2009.

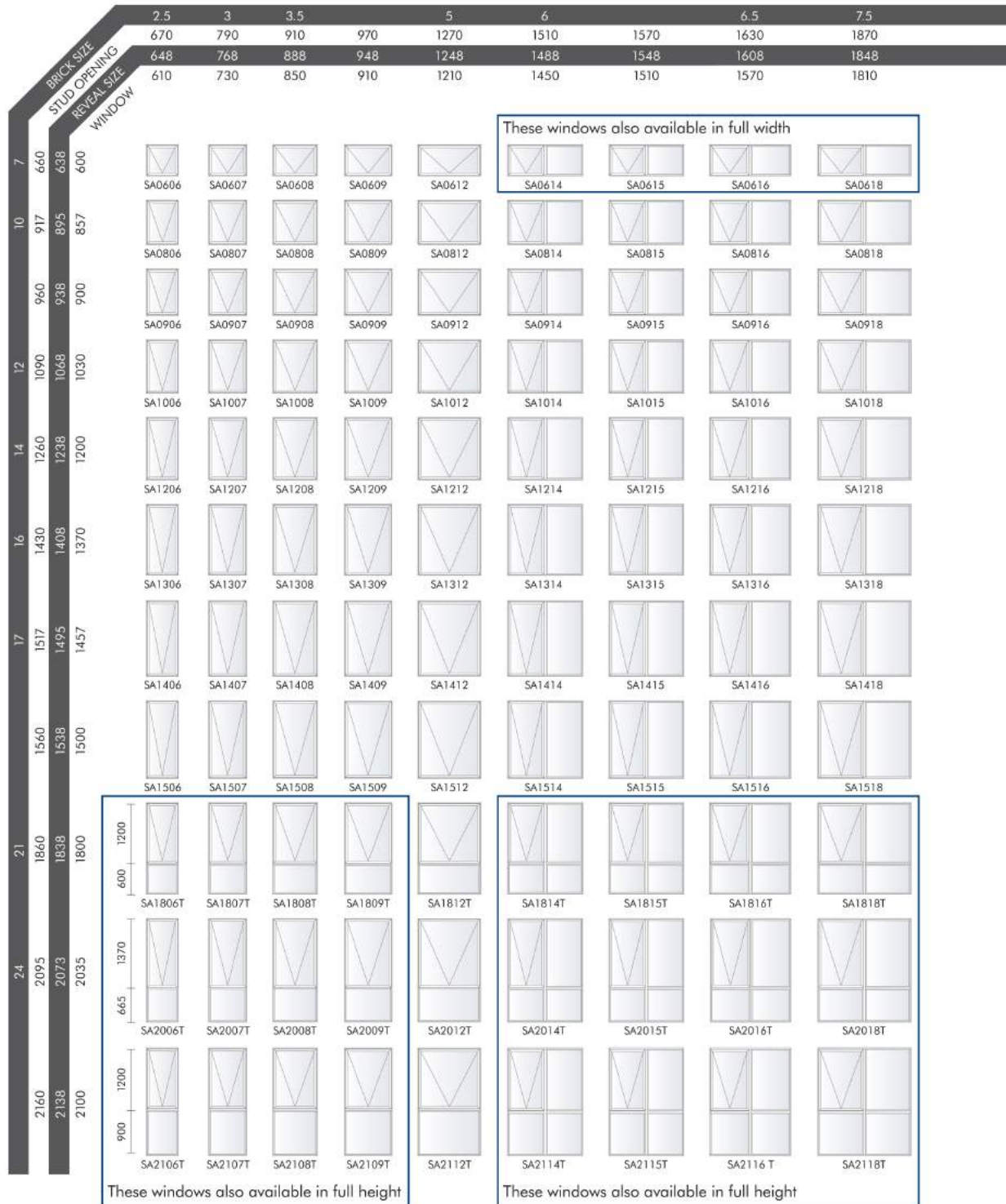
NOTE:

Window Placement
Care should be taken with locating opening awning windows in pedestrian traffic areas.



Size Range

Synergy® Awning Window



& DOORS

A JELD-WEN Company

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



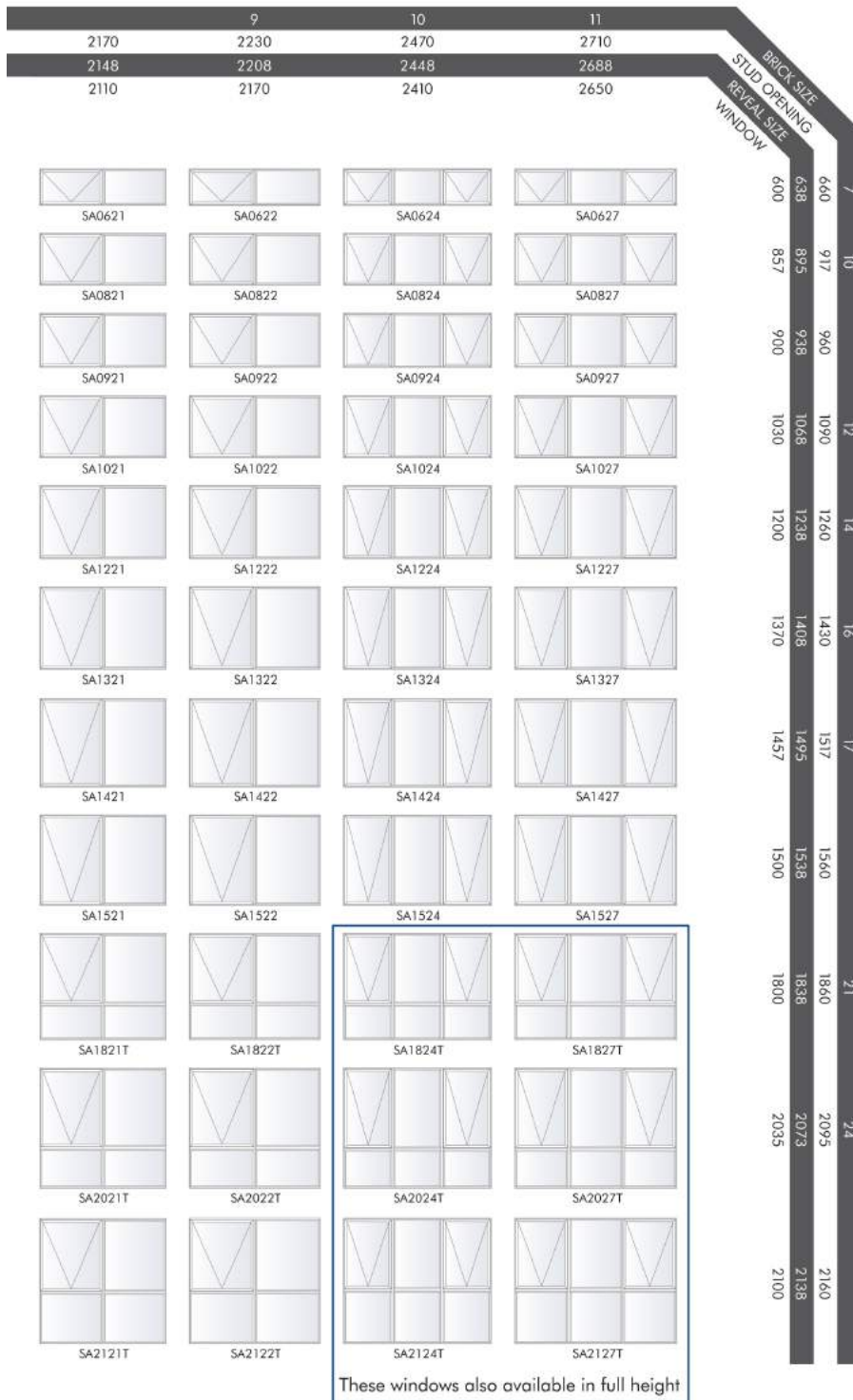
Please note that drawings are not to scale

Synergy® Awning Window | AA | Mk-6 | 5 July 2013

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Size Range

Synergy® Awning Window



Hardware

OPTIONAL FEATURES

✓ BAL-40 rating

✓ Glazing options to meet various Rw ratings

✓ Up to 18mm Double Glazing

✓ Ovolo bars
Cannot be integrated with Xtreme or double glazing

✓ Decorative bars
Cannot be integrated with double glazing

✓ Fly screen

✓ Security screen

Synergy awnings with double glazing or ovolo bars use the Sentinel window sash.

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

Please note that drawings are not to scale

Ordering Details

Synergy® Awning Window

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

Manufactured from 48mm aluminium extrusion. The first two numbers of code indicate approximate height, the last two numbers indicate approximate width.

Sash Style Options:

Standard option, eg window code AA0606

T indicates Thermashield® double glazed sash style, eg window code ATA0606

N indicates Sentinel sash style.

Eg window code ANA0606

M indicates Acoustic sash style (SoundMizer®), eg window code AMA0606

Bar Options:

CL indicates Colonial Bar, eg window code AA0606CL

FD indicates Federation Bar, eg window code AA0606FD

Configuration Options:

A indicates Awning

F indicates Fixed

AA indicates Awning\Awning

AF indicates Awning\Fixed

FA indicates Fixed\Awning

FF indicates Fixed\Fixed

AAA indicates Awning\Awning\Awning

AFA indicates Awning\Fixed\Awning

FAF indicates Fixed\Awning\Fixed

FFF indicates Fixed\Fixed\Fixed

T after the size indicates a Transom

E indicates Xtreme (placed at the end of the code)

Hardware Colour Options:

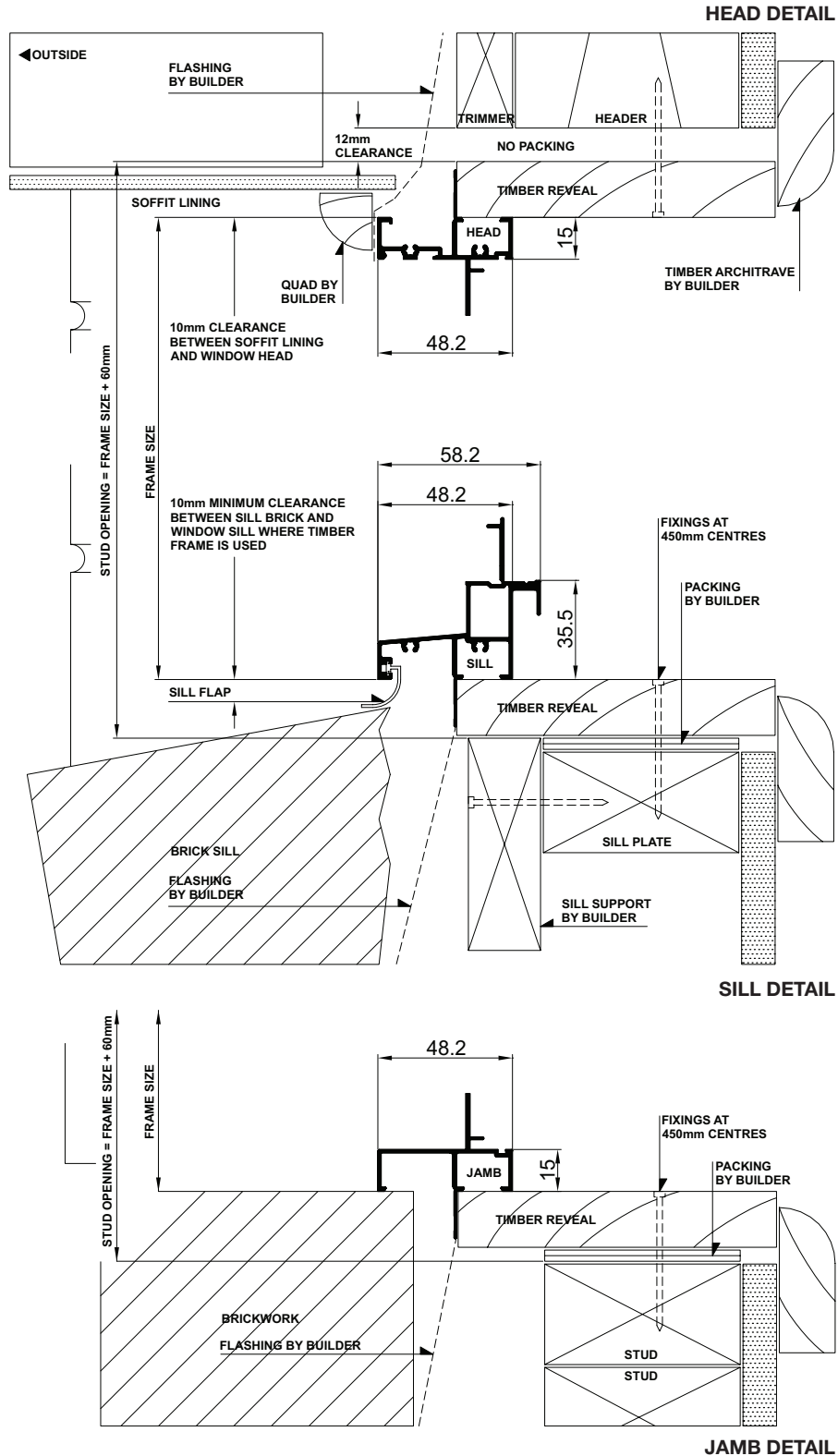
Black hardware is supplied as standard.

Optional hardware colours are Anodic Natural Matt, Stone Beige, Pearl White and Satin Chrome

Xtreme bushfire protection Awning windows that rates to BAL-40 are available for bushfire zones

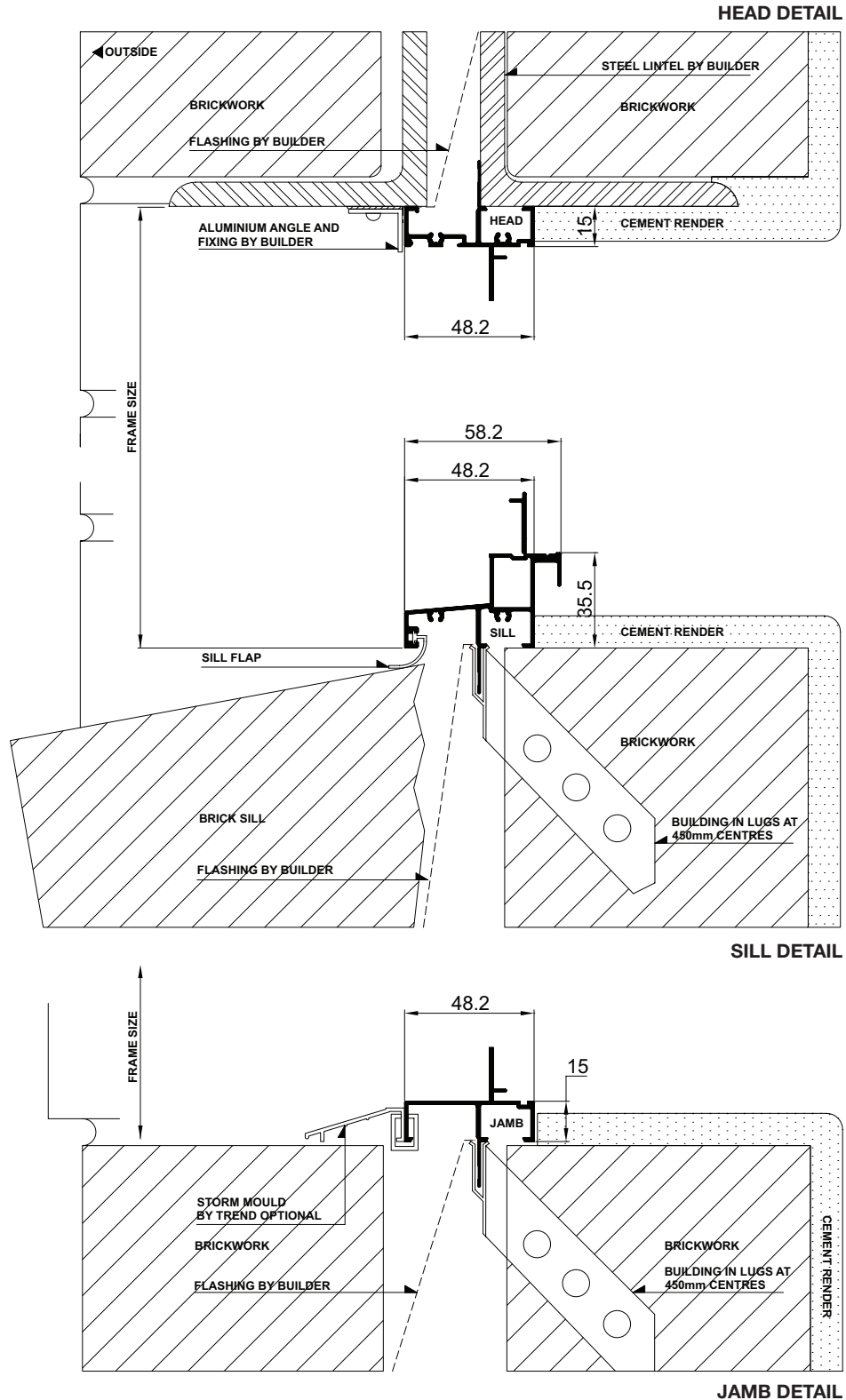
Installation

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



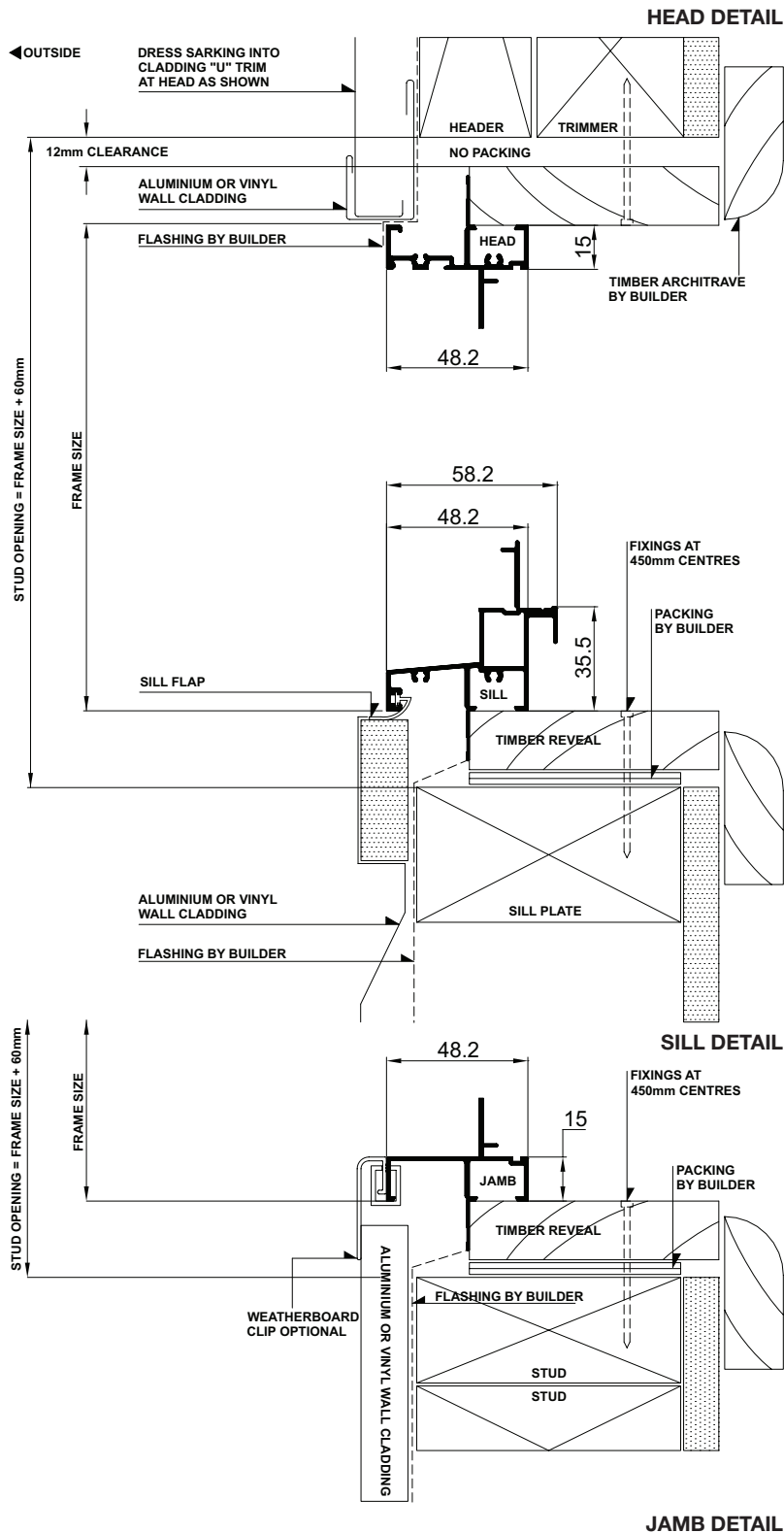
Installation

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



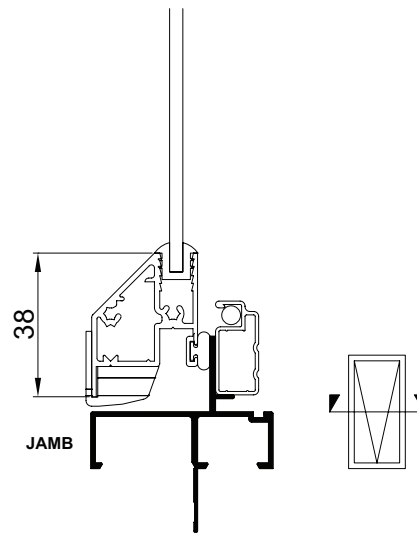
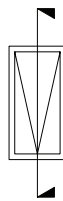
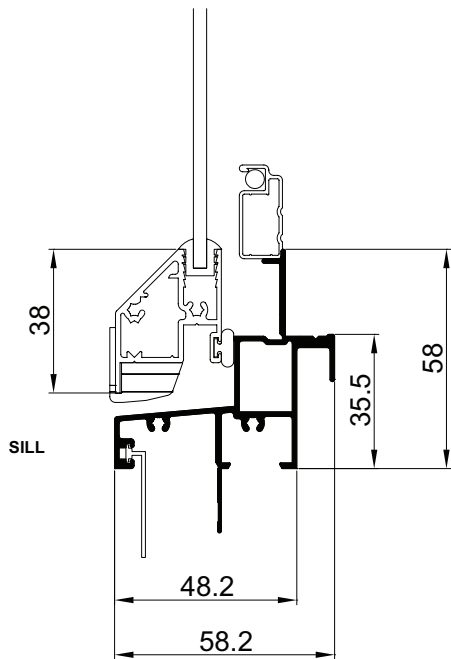
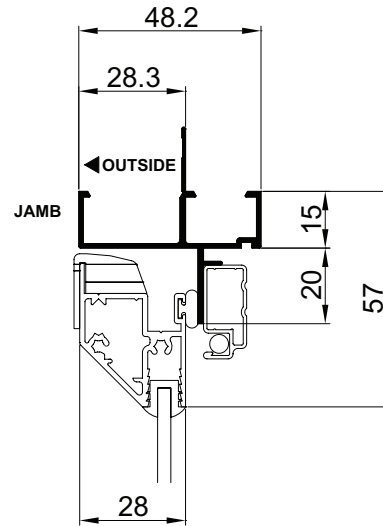
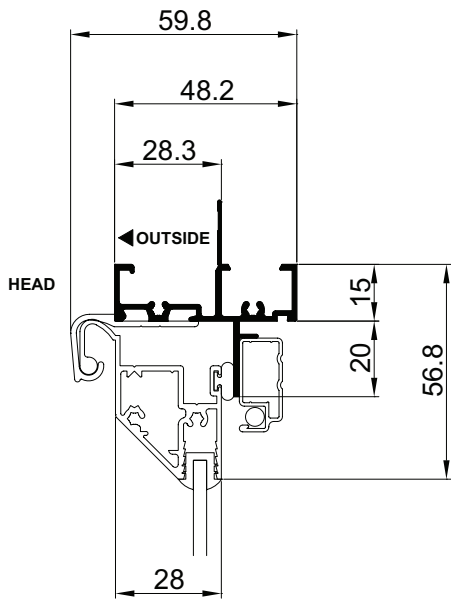
Installation

Synergy® Awning Window | Building In Detail | **Aluminium Cladding on Studs**



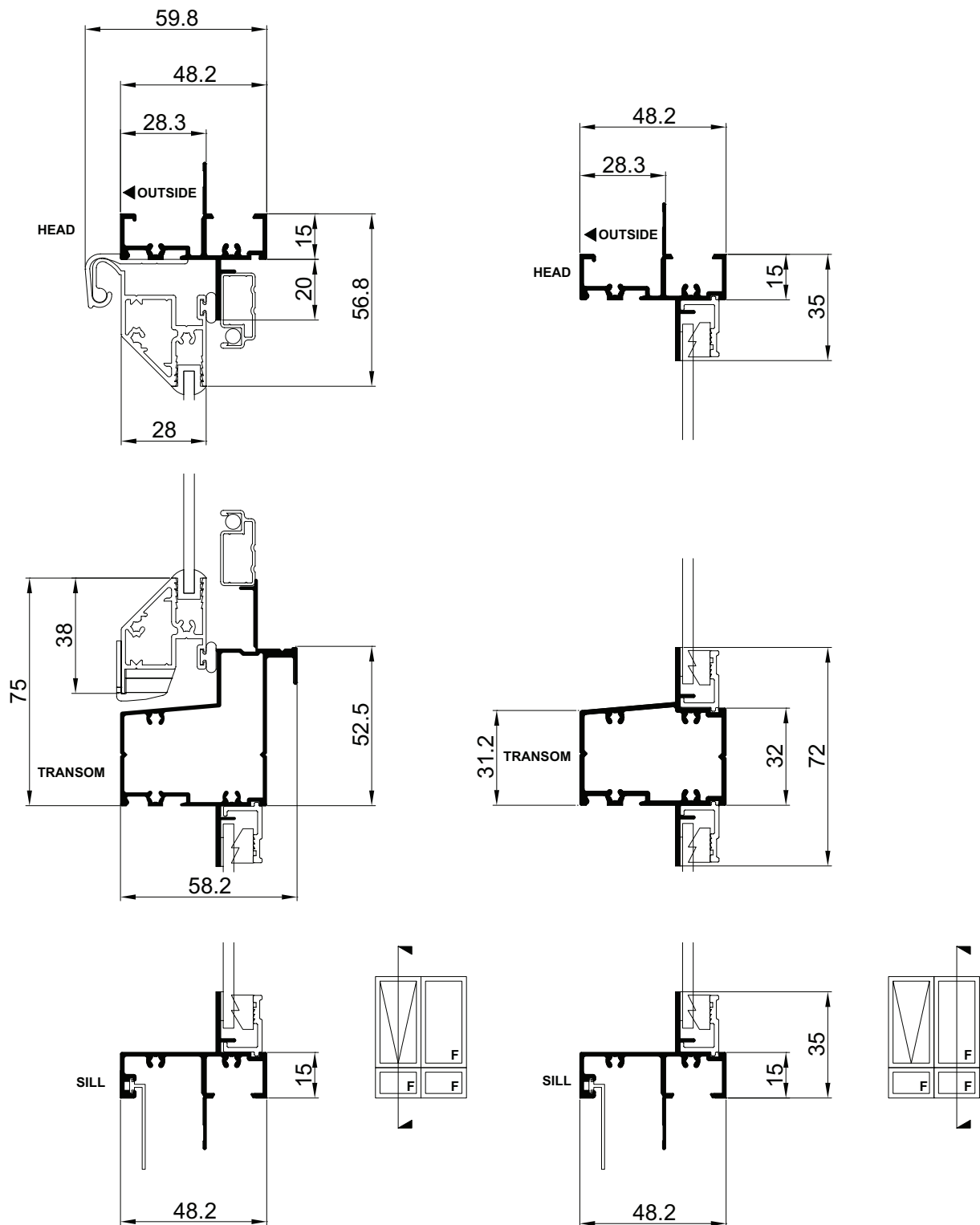
Cross Sectional Views

Synergy® Awning Window | **Single Lite | National**



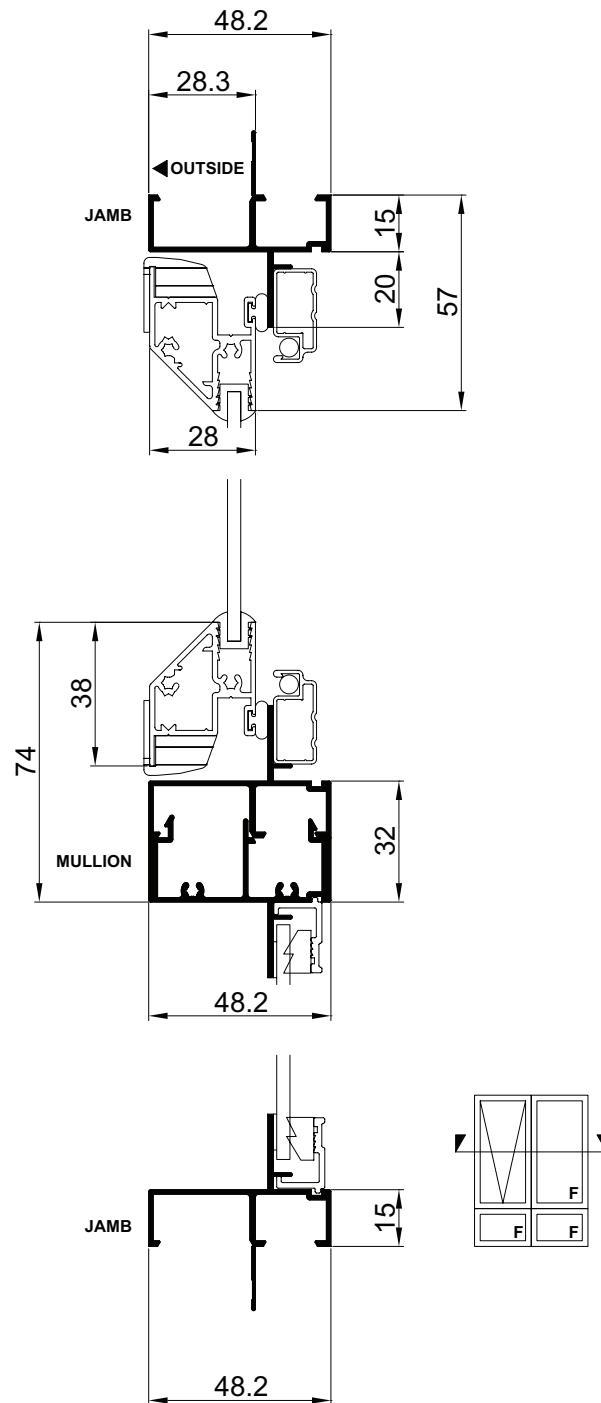
Cross Sectional Views

Synergy® Awning Window | **Two Lite with Lowlite** | National



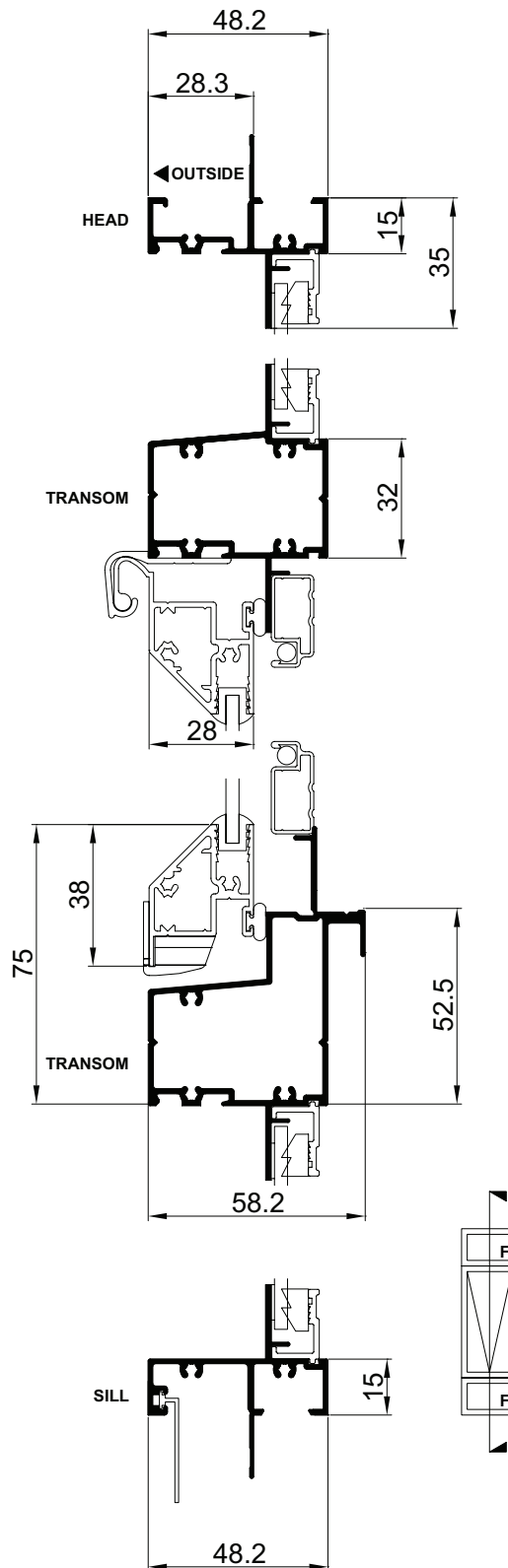
Cross Sectional Views

Synergy® Awning Window | **Two Lite with Lowlite** | National



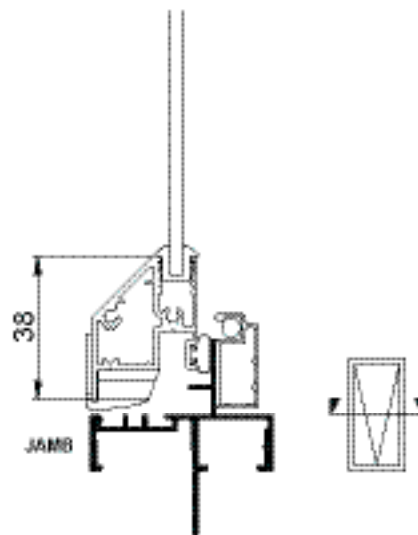
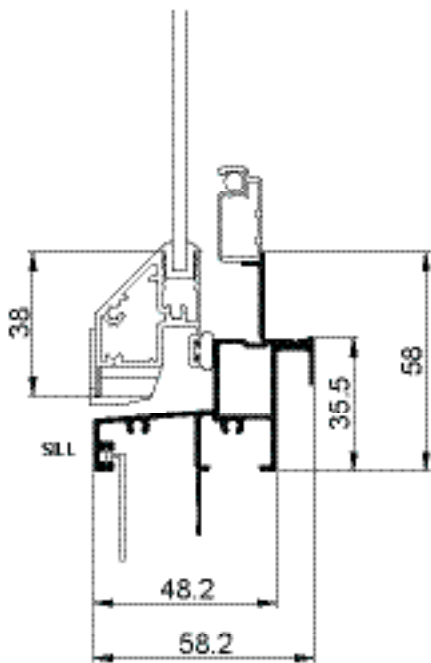
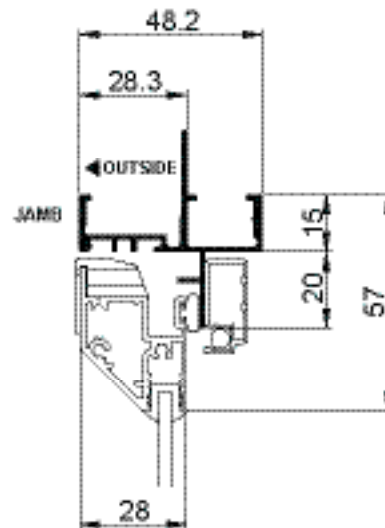
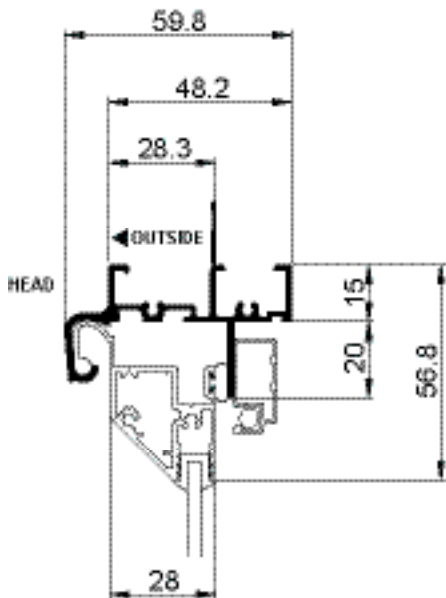
Cross Sectional Views

Synergy® Awning Window | **Single with Hilite and Lowlite** | National



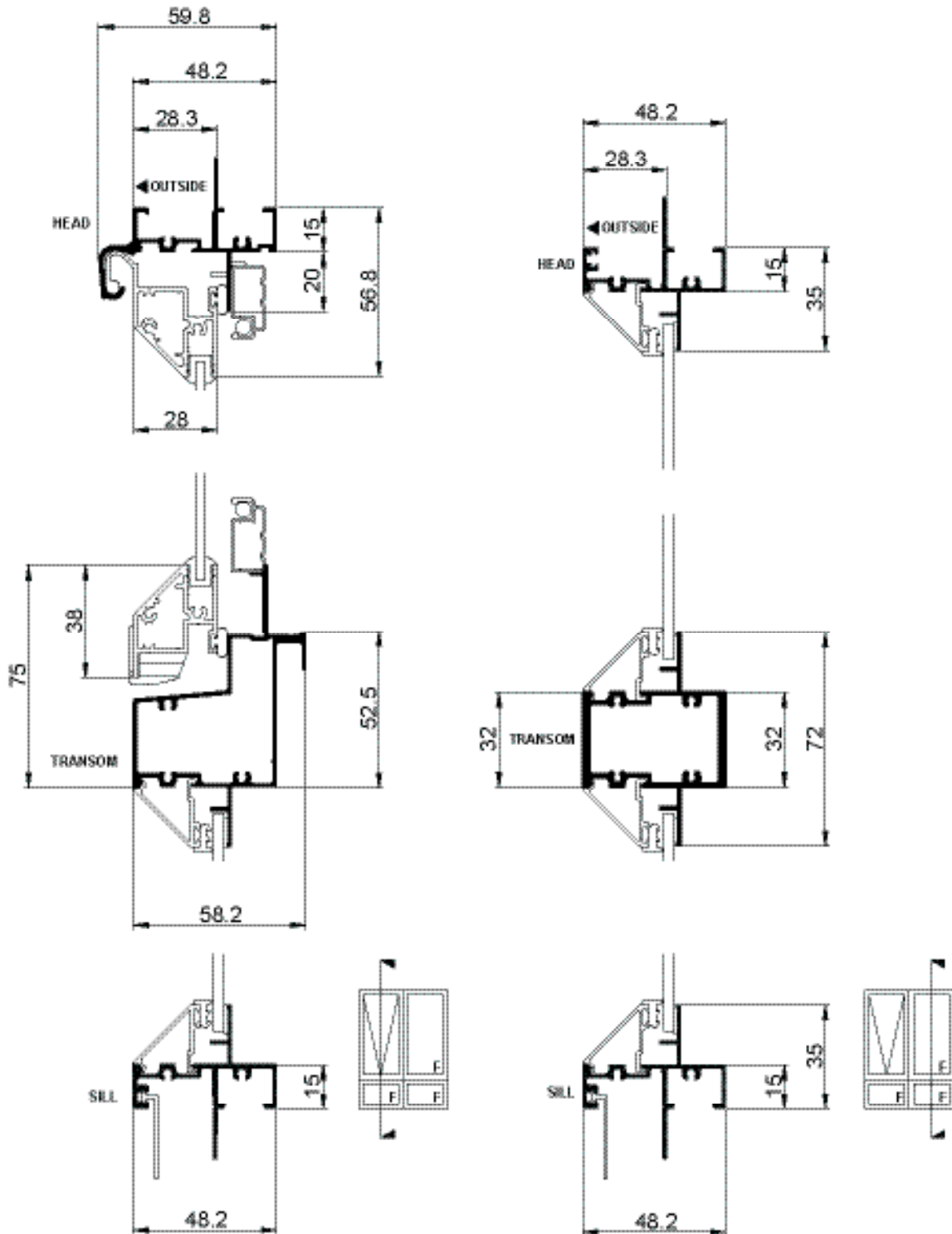
Cross Sectional Views

Synergy® Sentinel Awning Window | **Single Lite** | **VIC ONLY**



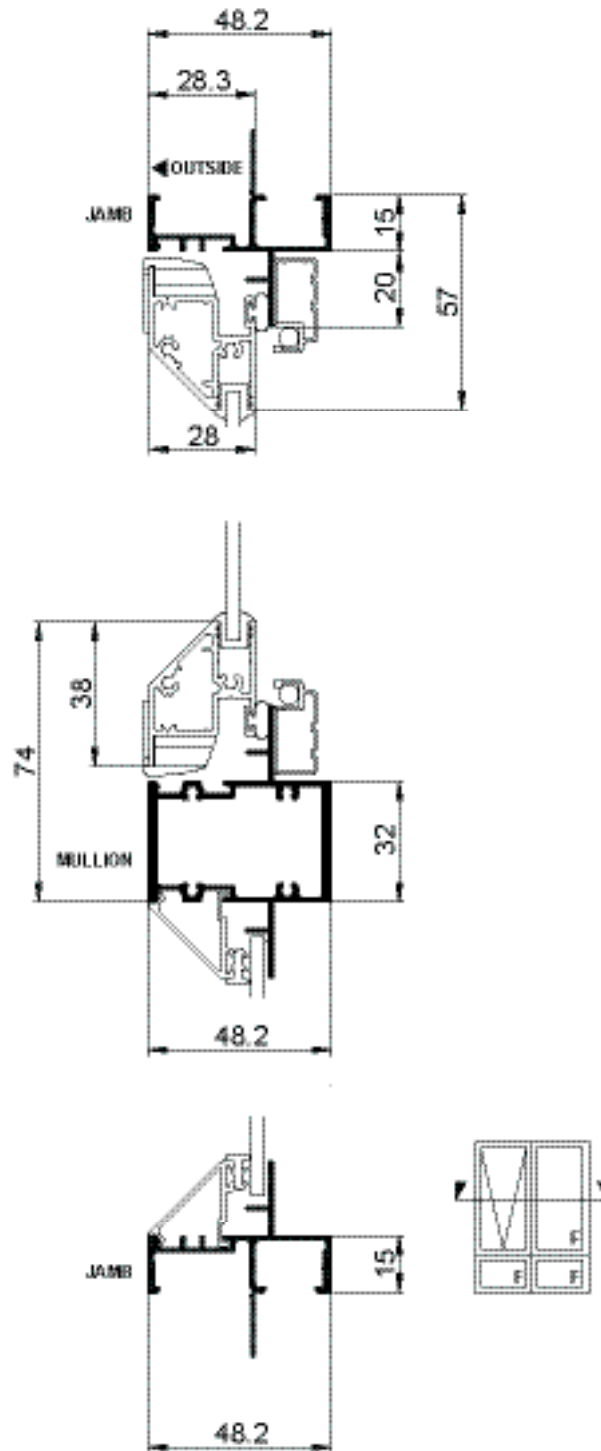
Cross Sectional Views

Synergy® Sentinel Awning Window | Two Lite with Lowlite | VIC ONLY



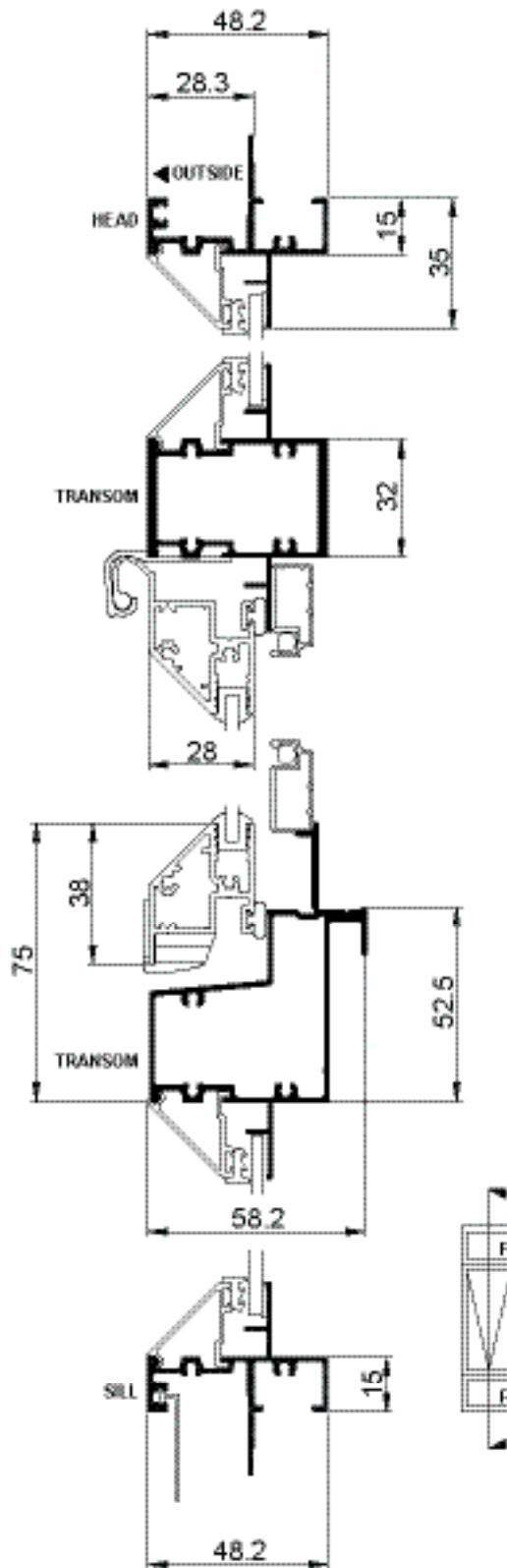
Cross Sectional Views

Synergy® Sentinel Awning Window | Two Lite with Lowlite | VIC ONLY



Cross Sectional Views

Synergy® Sentinel Awning Window | **Single with Hilite and Lowlite** | VIC ONLY



Cross Sectional Views

Synergy® Awning Window | **Double Glazed** | **National**

