AUTOFIRE GLAZING

AUTOFIRE

AUTOMATIC CLOSING FIRE WINDOWS



The Autofire® -/60/- Operable Awning Window System can be operated on a day-to-day basis as a normal awning type window. In the event of a fire Automatic operation is initiated by proprietary integrated 68-degree Centigrade fusible link, allowing the window to close and latch. During normal use the window is held open with a stay. Autofire -/60/- windows comply with National Construction Code (NCC) Clause C3.4 and have been incorporated in many projects across Australia.

- Fire ratings up to -/60/- in accordance with AS1530.4
- Openable for fresh air
- Restrictors supplied standard where required
- Slimline galvanised framing 50 x 50 mm incorporates weather seal gasket
- Available in powder coated finish
- Clear Grade A Safety Glass
- Double glazed units available
- Thermally broken frame options
- Fully BCA compliant solution for boundaries

SMOKE CONTROL

AUTOFIRE Automatic Closing Fire Rated Glazing

SYSTEM SIZES

- Maximum openable window square meterage:1.44 m², Maximum openable window width: 1100 mm
- Larger sizes can be accomodated by incorporating multiple openable windows and/or fixed lights and mullions.



HARDWARE AND GASKETING

The casement stay and latch are supplied standard in Satin Chrome. Other finishes are available on request. The windows are top hinged to allow for automatic closing and do not need to be connected to the alarm system. The system can be supplied with 6 to 23 mm thick fire resistant glass in either single glazing or double glazing. Our glass provides maximum transparency, allowing it to integrate perfectly alongside non-fire glass.

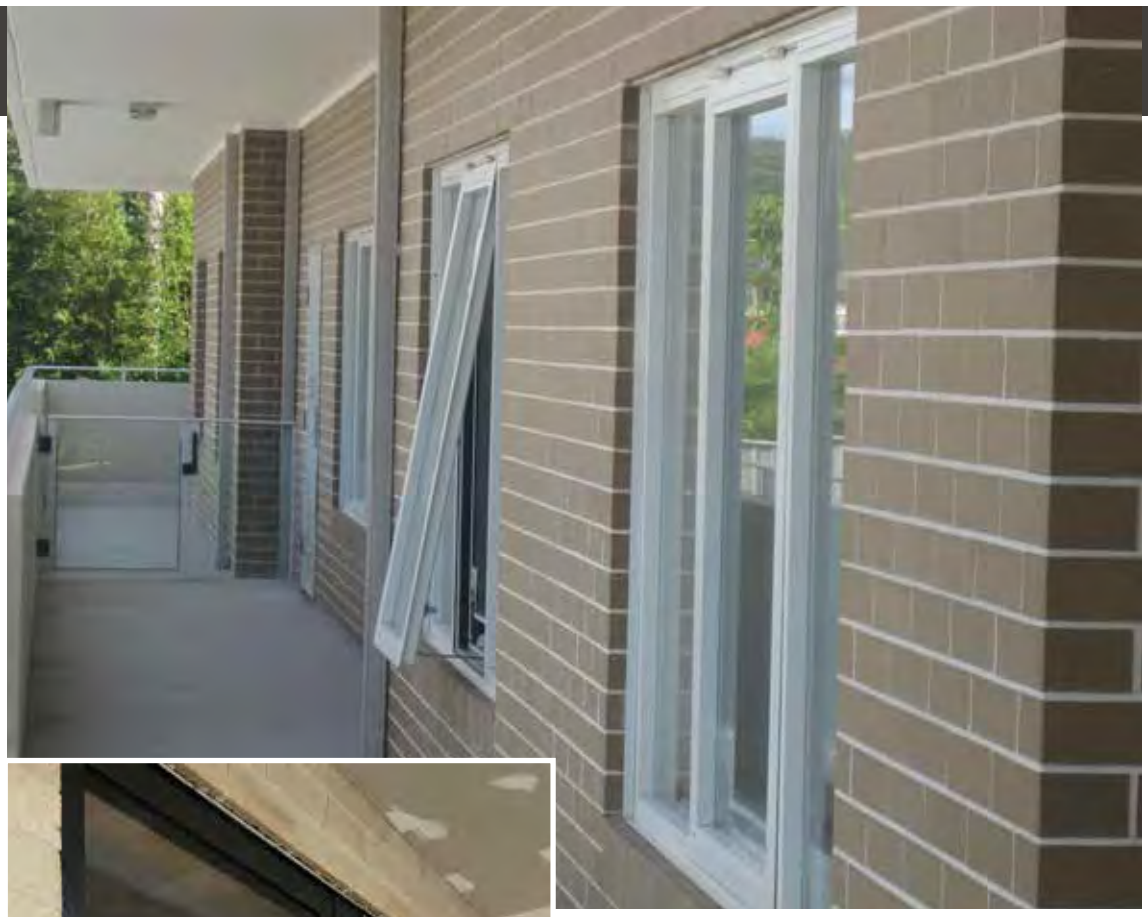
Double glazed units are ideal for solar control. enhanced thermal insulation and acoustic rating. The galvansied steel framing system is coated both internally and externally to ensure long lasting corrosion protection. The standard frame profile is a slimline 50 x 50 mm section and incorporates a weather seal gasket for maximum performance.



HOW TO SPECIFY

The glazing system shall be Smoke Control's proprietary Autofire automatic closing fire windows, fire tested for up to FRL –/60/– in accordance with AS1530.4:2014. The windows are to incorporate a black glazing gasket and clear fire resistant safety glass with the hardware nominated in the hardware schedule. The system shall be designed and installed to comply with human impact requirements and BCA Clauses C3.4 and D2.24 Protection of openable windows.







SIZES	
Maximum Glass sizes	
Single Frame	850w x 1070h OR 1100w x 860h
Overall Profile	50mm deep x 130mm wide
Area	3.6 m^2
Weight	Internal: Nominally 15kg/m^2 External: Nominally 30kg/m^2

What you need to know

While there is no requirement to provide tags for fire resistant window systems, Smoke Control's best practice recommendation is to fit these tags to the window frame to ensure easy product identification and annual re-certification.





WE BELIEVE PEOPLE DESERVE TO WORK & LIVE IN SAFE & BEAUTIFUL BUILDINGS

GENERAL INFORMATION

TECHNICAL SUPPORT



Smoke Control offers obligation free technical support and pricing throughout your design & documentation stage so you can accurately prepare your budgets through value engineering.

You can also download the set of specifications, drawings & technical data from our website www.smokecontrol.com.au.

Contact our technical department to discuss your project requirements, or arrange a meeting.

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A LITTLE MORE ABOUT US...

Smoke Control was established in 2003. We partner with leading local & international organisations to work with the new performance-based design environment - in addition to the traditional prescriptive environment - designing and installing systems to meet the challenging fire and smoke control demands of modern buildings.

Constant research & development continue to enhance our offering of fire windows, fire shutters and fire curtains, bringing the most innovative technology to both regular and unique project challenges. If you cannot find what you are looking for, please contact our team as we may already have a solution for you.

Smoke Control services all regions in Australia & New Zealand via our own offices and people. International customers can contact our Australian office by phone or email for your nearest distributor.

SMOKE CONTROL

We believe people deserve to work & live in safe & beautiful buildings