



Information Sheet No. TFD-2021-03

FIRE RATED GLAZING SYSTEMS – WINDOWS AND DOORS

General Description

Fire rated glazing systems are designed for easy installation into new projects, refurbished buildings and existing walls.

In addition to regular non insulated systems, Tasmanian Fire Doors also offer a number of certified solutions incorporating fire rated insulated glass. These products offer superior safety, longevity and visual transparency for both insulated and non-insulated applications.

Tasmanian Fire Doors products use a European designed insulated steel element that can be used to support glass panels in both doors and fixed windows. Available for internal and external applications, there are a variety of profiles designed to suit most glazing applications and classifications under the Building Code of Australia, and all products are certified to the relevant Australian Standard. Tasmanian Fire Doors products include a range of timber fire doors that can incorporate either half or full light glazed elements.

Fire rated glazing utilises the benefits of natural light and visibility, without comprising fire safety.

Certification

For compliance to Australian Standards, all fire rated solutions must be independently certified by an approved testing laboratory and form part of a certified system. All Tasmanian Fire Doors fire rated glass door and window systems are fully tested and certified to AS1530.4 and are used extensively in commercial and residential applications. All certified fire rated glazing solutions are supplied as a complete package including frame and glass, and are either factory fitted or fitted on site depending on the project specifics.

Applications

Fire rated glass doors and windows are ideal for applications where natural light needs to be retained and where visual sighting is important, but where the fire rating of the building element must also be retained.

Typical installations such as doors and windows in stair wells increase their attractiveness and hence usability, while providing both a socially safe and fire safe environment for occupants. Other uses are common, such as in heritage buildings where the use of unsightly sprinklers is not desirable, hospitals, schools and nursing homes where visual sighting is important, and of course all applications under the Building Code of Australia that require the use of fire rated glazing.

For further information on fire rated glazing, please [contact Tasmanian Fire Doors](#)

