



Mattson Joinery - Timber Fire Window Installation Instructions

PRIOR TO INSTALLATION

- Check the over window jamb dimensions will fit the opening in the wall.
- Check the weight of each window.
- Check the priming of the window not damaged. If so make good. This is key for exterior timber fire windows
- Check that the orientation of the window EG; interior or exterior orientation are correct and lift window unit into position using approved glass lifting equipment suitable for the weight of the timber window jamb and insulated fire rated glass. Exterior fire rated windows or Interior fire rated windows that are exposed to sunlight have a UV outer layer on the insulated glass that must be located with the UV outer layer facing the sun.

FIXING

- Plum and pack/wedge the window jamb to ensure square and true.
- Check that the 10mm maximum frame gap between the outside of the window jambs and wall opening is achieved.

TIMBER STUD WALLS.

(Timber Fire Window Jambs)

- Drill and screw fix, from either side of the timber window jamb into the stud walls using 12 gauge screws at 400mm centres all four sides of the timber fire window ensuring screws are at least 30mm into the fixing timber. The screw length is determined by the orientation of fixings hidden or seen fixing.
- Apply approved fire rated silicon sealant between the timber fire window jamb and stud wall timber all four sides. Architraves are the normal interior trim method
- Follow standard industry practise to make window weather tight. Scribes and facings are not supplied with timber fire windows, but required to make the window weather tight.

MASONRY WALLS.

(Timber Fire Window Jambs)

- Drill inside of timber window jamb into the masonry / block walls using 12 gauge anchors at 400mm centres all four sides of the timber fire window ensuring screws are at least 75mm into the concrete filled masonry wall.
- Apply approved fire rated silicon sealant between the timber fire window jamb and masonry/block wall all four sides.
- Follow standard industry practise to make window weather tight. Scribes and facings are not supplied with timber fire windows, but required to make the window weather tight.

GENERAL

(Timber Fire Window Jambs)

- Unprimed PQ interior timber fire windows jambs must be kept dry **at all times**, primed immediately upon arrival onsite.
- Timber Fire Windows must be painted with acrylic or oil based paint system to ensure long term durability.
- Complete the Hardware Declaration List and return it to Mattson Joinery. Fire tags for timber fire rated windows will be issued accordingly.

TOLERANCES

(Timber Fire Window Jambs)

The following tolerances apply for Mattador Fire Rated Timber Windows.

- | | | |
|---------------------------------------|---|----------|
| ▪ Timber window frame to steel stud | - | 10mm |
| ▪ Timber window frame to timber stud | - | 10mm max |
| ▪ Timber window frame to masonry wall | - | 10mm max |

EXTRAS

(Timber Fire Window Jambs)

The factory glazed insulated glass used in Mattson Joinery timber fire rated windows ranges from 16mm to 29mm in thickness. We can offer customers the option to paint the hardwood timber beading that is seen through the glass a black colour. This effectively seals the timber and hides the thickness of the glass allowing any paint colour choice for the window jamb.

The above information is current at time of printing. Mattson Joinery reserves the right to update this information as required.

Dated September 2016

