



## Mattson Joinery - Mattador™ Fire Door Installation Instructions

### PRIOR TO INSTALLATION

- Check that you have received the Approved Hardware Declaration List (AHDL). The AHDL is to be completed and returned to Mattson Joinery prior to the issuing of fire door certification labels/tags.
- Check that all the **approved** hardware and fixings are on hand. **All fire door systems are required to have approved door closers and approved self latching/locking systems.** All hardware fitted to fire doors **must** comply with fire rating approvals. If unsure please check with Mattson Joinery or refer to the Mattador Fire Rated Hardware List available on our web site <http://www.mattsonjoinery.com>

### FIRE RATED DOOR JAMBS

- Check the required sill gap. Be sure to make allowances for floor coverings. Trim or pack the bottom of door jambs to reduce or increase sill gaps as required.
- Position door set in opening to ensure square and true.

### TIMBER & STEEL STUD WALLS.

#### **(Timber Door Jambs)**

- Pack/wedge the gap between the back of jamb and framing. Nail or screw fix using 100mm long nails or 75mm long screws adjacent to hinge points and at head. Fixings are to be concealed by the planted door stop that is fitted later. Wall linings are to slot into the jamb rebates where applicable to seal the wedging gap. The wedging gap is to be wadded with (Kaowool, Rockwool or Intumescent sealant) if walls are already lined or a flat jamb for architrave finish is specified. Specified sealant Hilti CP606 or equivalent

#### **(Steel Door Jambs)**

- Pack/wedge the gap between the back of jamb and framing. Screw fix using 75mm long screws at the nominated sleeved connecting points adjacent to hinge points and at head if required for double door installations. Door jambs for Mattador fire rated doors are to be site grouted with Gib Tradeset or similar.
- Split or two part steel door jambs should be sealed with silicon sealant at the joint to prevent grout material leakage

## MASONRY WALLS.

### (Timber Door Jambs)

- Pack/fix using 10mm diameter x 100mm long masonry bolts adjacent to hinge points and at head. Fixings are to be concealed by the planted door stop that is fitted later. Stop the wedging gap between the frame and masonry using Intumescent Sealant. Specified sealant Hilti CP606 or equivalent

## GENERAL.

### (Triboard Door Leaf) - PQ Interior Acoustic or Fire Rated Solid Core.

- Unprimed PQ interior doors must be kept dry **at all times**, primed immediately upon arrival onsite.
- Crop the door leaf to suit the selected approved door hardware specifications.
- Install approved hardware in accordance with manufactures specifications. Adjust to ensure the door latches automatically. Pet doors are NOT permissible in fire rated door systems.
- Complete the Hardware Declaration List and return it to Mattson Joinery. Fire tags for door leaf and door frame will be issued accordingly.

## TOLERANCES

The following tolerances apply for Mattador Fire Rated Door sets.

- |  |   |   |
|--|---|---|
| ▪ Door frame to steel stud                   | - | 10mm max                                |
| ▪ Door frame to timber stud                  | - | 10mm max                                |
| ▪ Door frame to masonry wall                 | - | 10mm max                                |
| ▪ Leaf to door frame                         | - | 4mm max                                 |
| ▪ Leaf to finished floor level               | - | 10mm max plus flooring                  |
| ▪ Leaf to face of stop (Before seal fitted). | - | 5mm (Smoke seal fitted after painting). |
| ▪ Between pairs of doors                     | - | Brush seal must touch opposite leaf.    |

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

