



Bespoke Complete Services Ltd
SPECIALIST JOINERY & DOOR SET MANUFACTURER

Storage



Doors should be:

- Stored flat, on a level and dry surface and kept clear of the floor on at least three level and robust bearers
- Protected from dirt and damage but without restricting air circulation
- Stacked so that they are not exposed to daylight as ultra violet light can cause fading or discoloration of timber and veneers
- Stored in the sequence they will be fitted to avoid double handling
- Avoid dragging them across each other in the stack
- Doorsets with projecting sills must have spacers between them in the stack to avoid damage



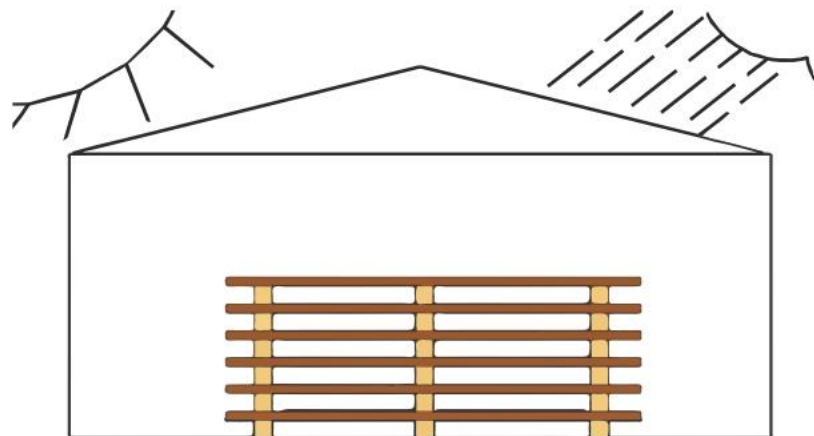
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Care of fire doors on site (pre installation)

Moisture content of timber doors

For long term performance of the door and finish, the appropriate moisture content must be maintained during storage on site and during the construction process.

- Ensure that the moisture content of the product is kept close to the level at which it was when the door was manufactured. Internal doors should be conditioned slowly to the service conditions before fitting
- Protect from abnormal heat, extreme dryness, humid conditions or sudden changes of temperature or humidity
- Do not store or fit in the building until the wet trades are finished and the building has dried out



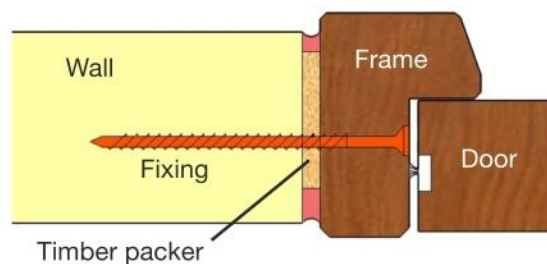
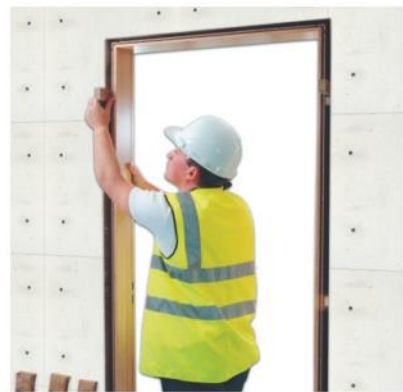


Installation process of a fire door

Always follow the installation instructions

Fitting the Frame

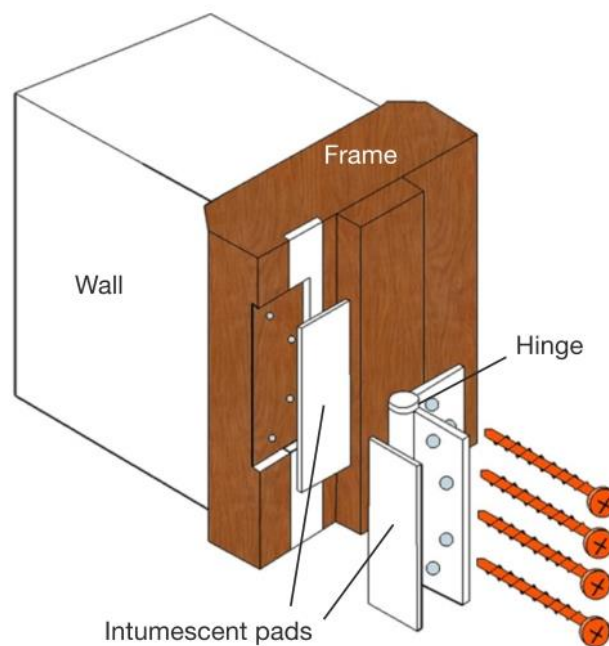
1. Locate frame in aperture.
2. Use full length timber packers and intumescent material as specified to fill the pack the gap between the frame and the wall, ensuring the frame is square and straight.
3. Using suitable length, location, number of and specification of fixing, fix the frame in the aperture as specified in the installation instructions. Timber packers should be applied behind fixings. (Do not use plastic packers).
4. Check the frame is securely fixed on all sides.
5. Measure the frame aperture size to ensure the frame is straight, square and level and will fit the intended door with specified gap on all sides.
6. Check the gap between the frame and the wall is completely sealed with appropriate timber packers. Backfilling of any further gaps with intumescent material and intumescent mastic as specified in the installation instructions or the fire certificate data sheet can only be completed once the door is hung and all dimensional and functionality checks have taken place.





Hinges

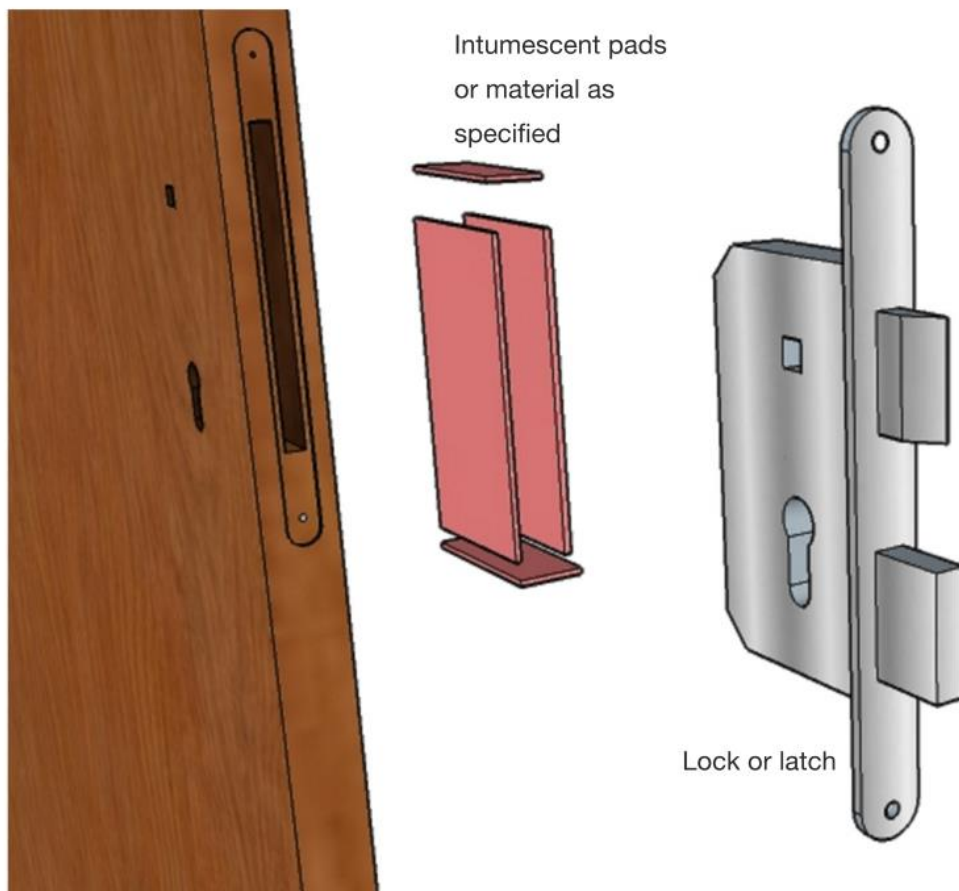
1. Recess in the door edge for the correct number of hinges to the correct size and location.
2. Pilot holes should be drilled at each fixing point, at the correct size and depth, to ensure the timber does not split.
3. Fix hinges using the recommended length, size and specification of screw.
4. Ensure that intumescent pads are used under both hinge blades if specified in the installation instructions.





Lock or latch

1. Recess in the door edge for the lock or latch to the correct size.
2. Fix using the recommended length, size and specification of screw. Pilot holes should be drilled at each fixing point, at the correct size and depth, to ensure the timber does not split. Do not overtighten the screws.
3. Ensure that the correct intumescent pads or intumescent mastic is used with the lock or latch if specified in the installation instructions and fire certificate.

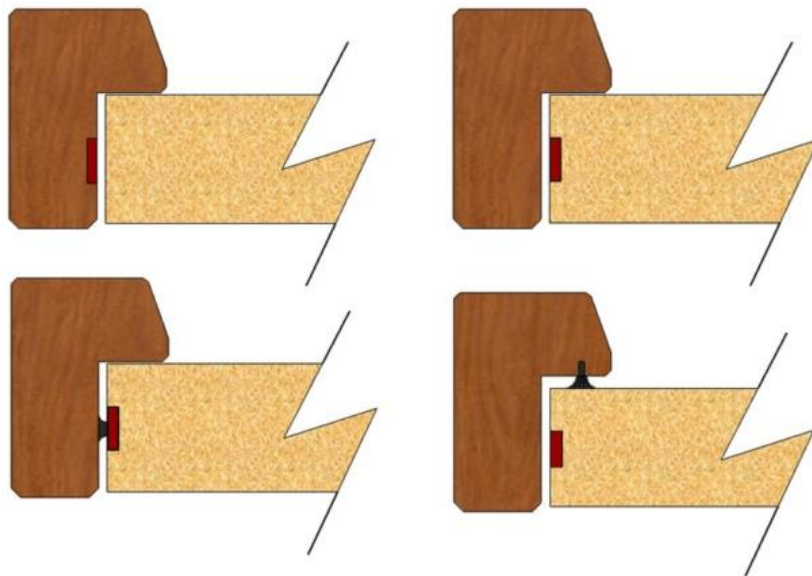




Intumescent, smoke and / or threshold seals

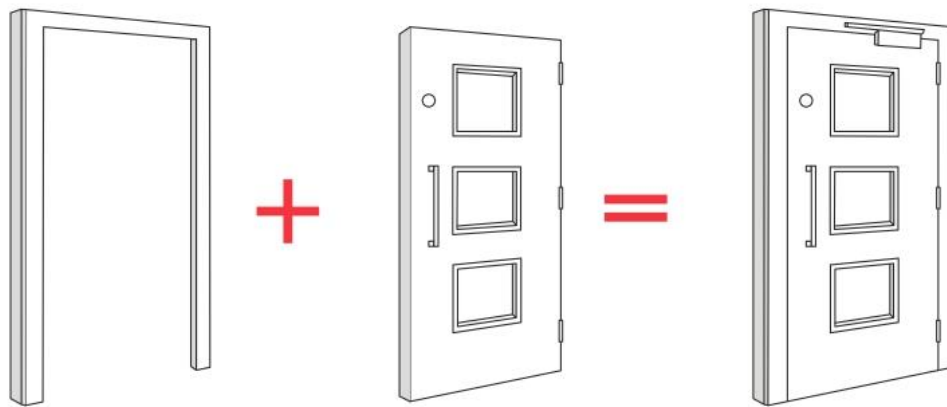
Fire and smoke seals can be located in the frame or the door edge as per manufacturer recommendations.

1. The frame or door should be grooved to take the suitable seal size and number of seals depending of rating and configuration.
2. Seals should be cut to full length and fitted securely, flush into the groove.





Hanging the door leaf



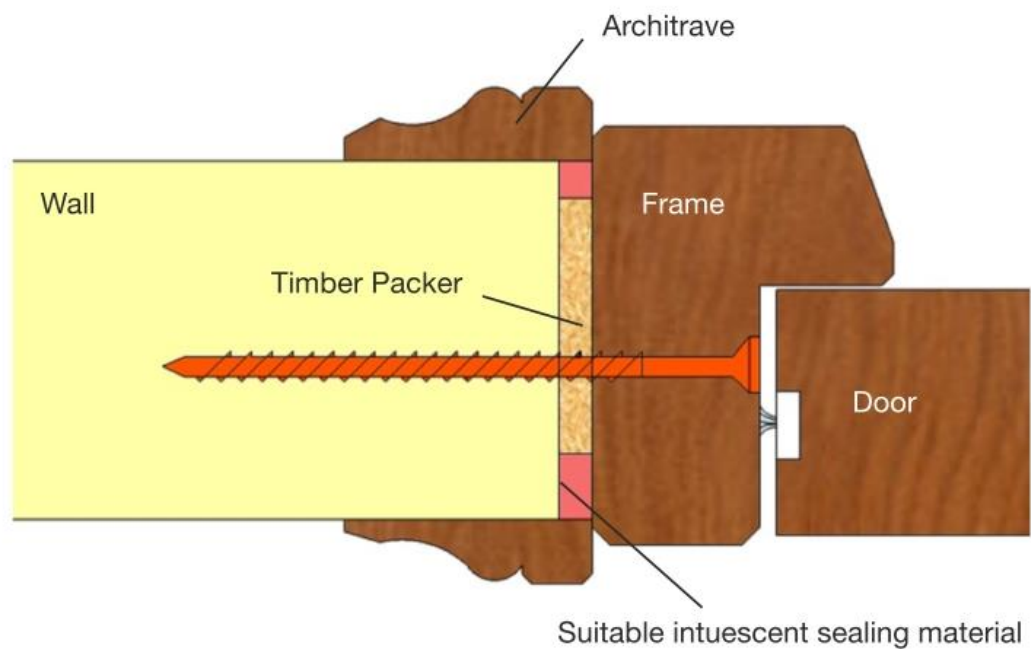
1. Position the door in the frame and mark where the hinges are located.
2. Recess in the frame for the correct number of hinges to the correct size.
3. Fix the hinged door leaf to the frame using the recommended length, size and specification of screw. Pilot holes should be drilled at each fixing point, at the correct size and depth, to ensure the timber does not split.
4. Ensure that intumescent pads are used under the hinge blades as specified in the installation instructions.
5. Test the door opening and closing action and ensure a smooth action.
6. Check the door closes level and straight against the stop on the frame.
7. Check that any smoke seals fill the gap around the perimeter of the door or frame.



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8. Only once all dimensional and functionality checks of the door has taken place, should backfilling of any further gaps between the backface of the frame and the wall be done. Intumescent material and intumescent mastic as specified in the installation instructions or the fire certificate data sheet should be used to fill any gaps, and only once this installation detail has been checked, architrave should be fitted.





Fitting the lock or latch keep and any additional ironmongery

1. Position the door in the frame and mark where the keep is located.
2. Recess in the frame for the keep to the correct size.
3. Fix using the recommended length, size and specification of screw. Pilot holes should be drilled at each fixing point, at the correct size and depth, to ensure the timber does not split.
4. Ensure that intumescent pads are used under the keep if specified in the installation instructions.
5. Test the door opening and closing action to ensure a smooth movement and complete, secure engagement of lock or latch.

