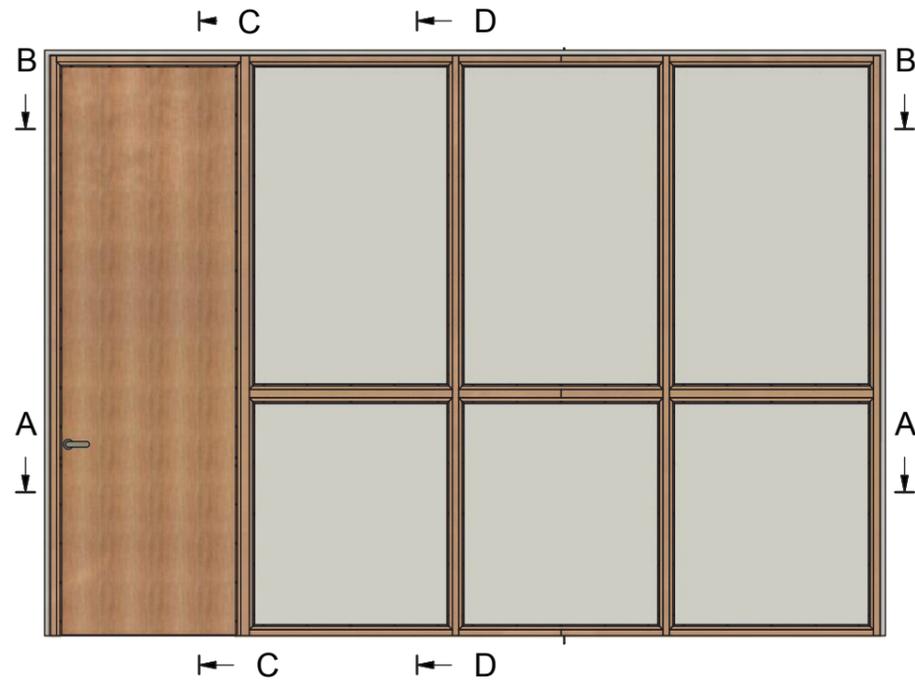
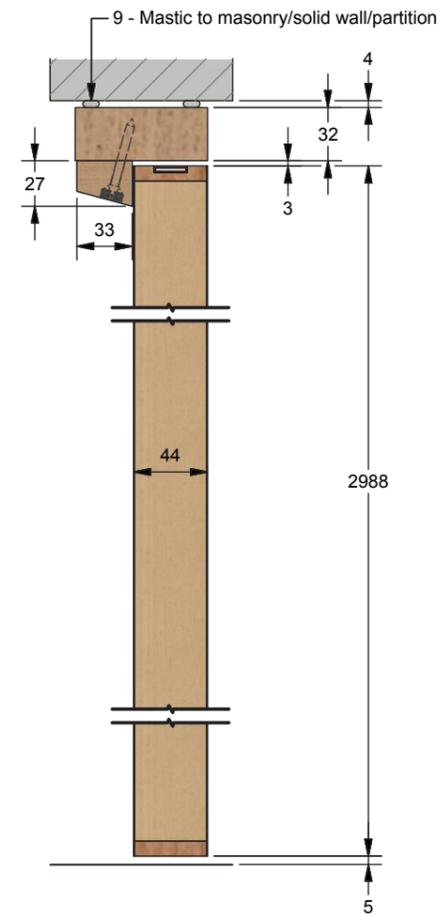


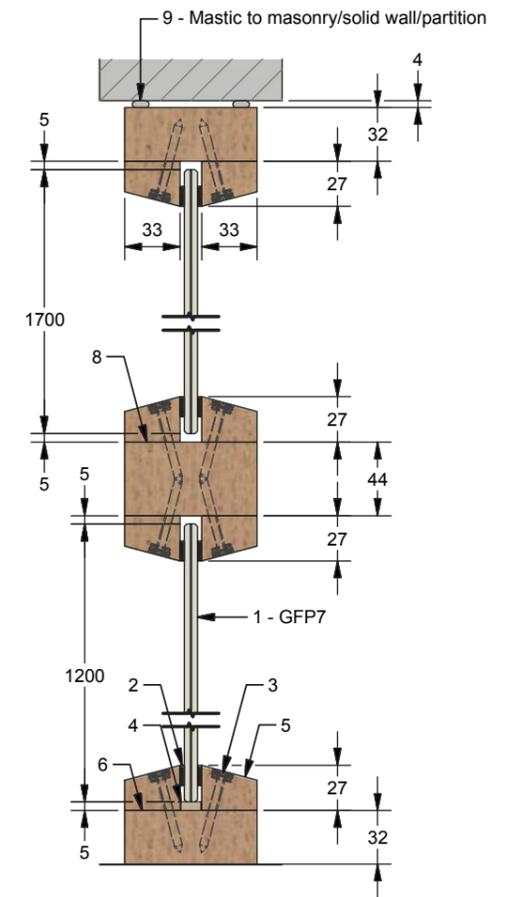
Elevation



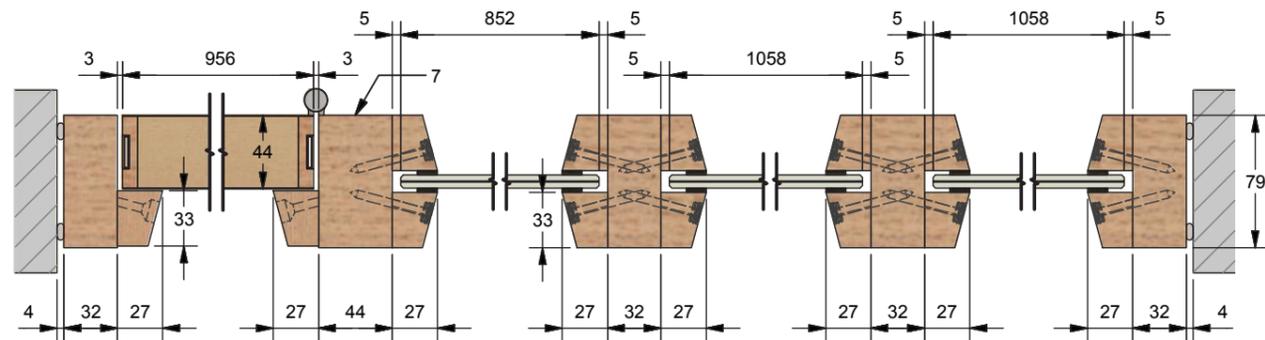
C-C (1:4)



D-D (1:4)

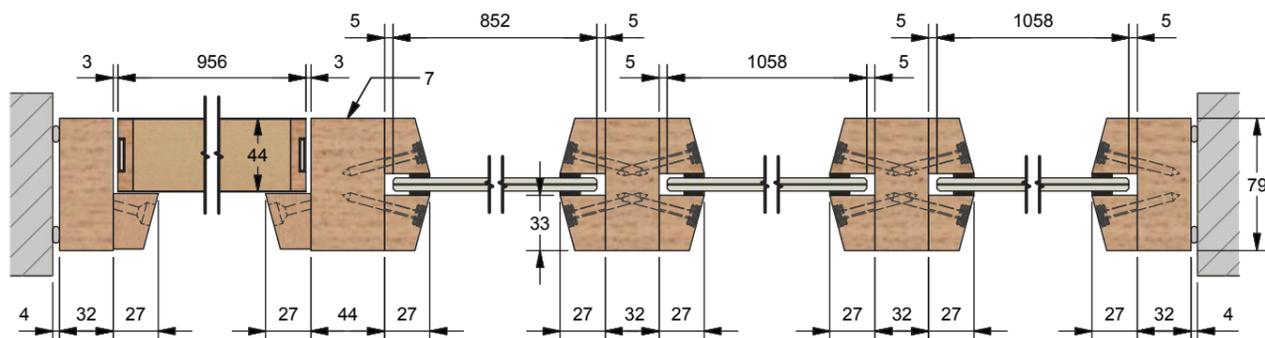


A-A (1:4)



| Item: | Description: | Specified: |
|-------|--------------|--|
| 1 | Glass | GFP7 |
| 2 | Gasket | cc 12x5mm |
| 3 | Fixing | 50mm steel screws at 250mm centres (30° to glass) |
| 4 | Packer | Non-combustible setting blocks at base |
| 5 | Bead | 33x27mm timber bead, counterbored, screwed, with brass washers |
| 6 | Liner 1 | 32x79mm timber liner, minimum density 640 kg/m³ |
| 7 | Liner 2 | 44x79mm timber liner (door-glazing), minimum density 640 kg/m³ |
| 8 | Transom | 44x79mm timber liner, minimum density 640 kg/m³ |
| 9 | Intumescent | 2x beads of FD30 Mastic |
| .. | .. | .. |

B-B (1:4)



Title Fire Screen Elevation SC
 Code FD30/0 - GFP7
 Sheet 1 of 2 Date 23/03/2013
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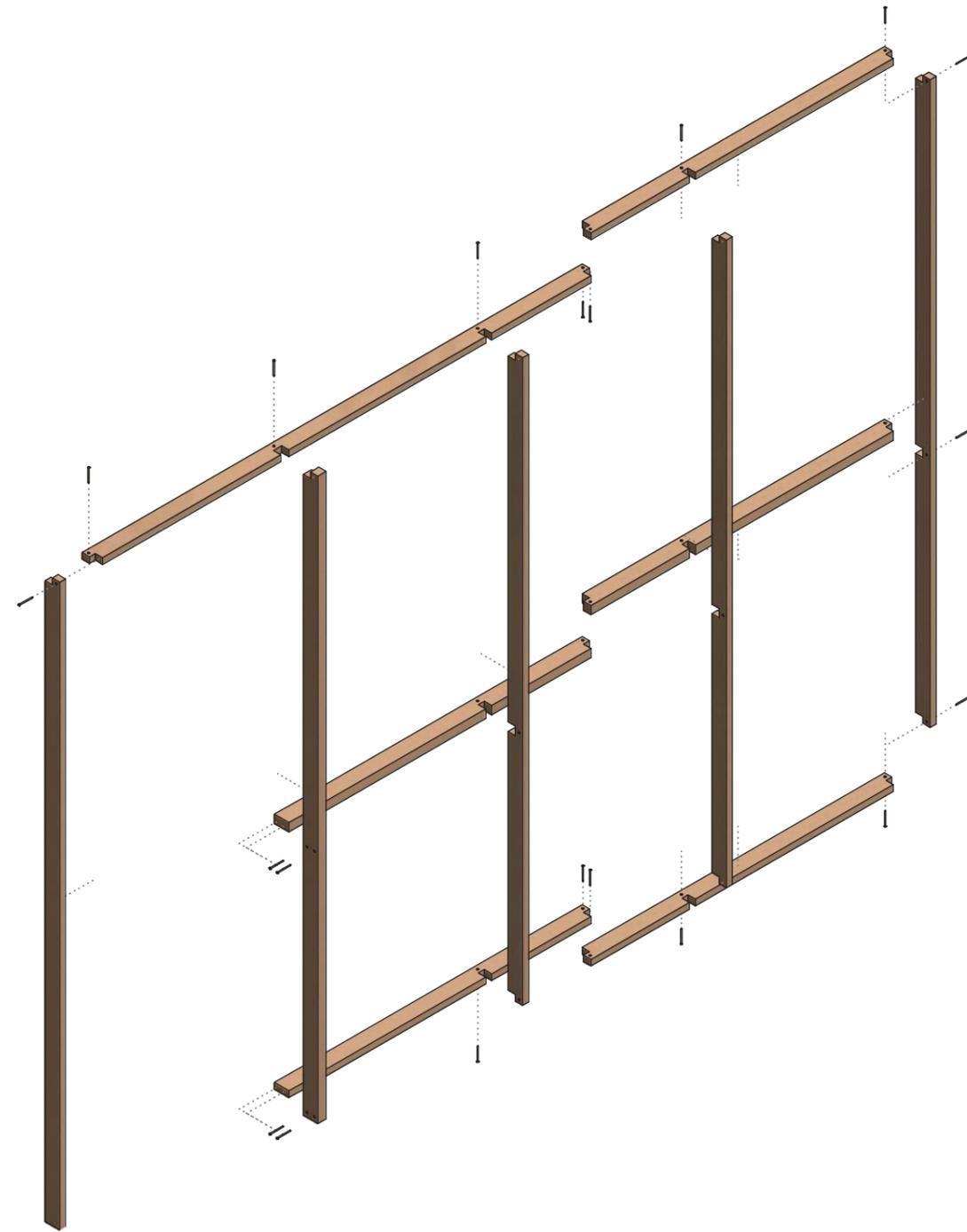


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Perspective



Framework



Notes:

- 1 - All joints to be sealed using non-thermally softening adhesive.
- 2 - Do not allow any contact of the glazing's edge with water.
- 3 - Do not install in locations where the glass temperature in normal circumstances might exceed 45° C.
- 4 - Avoid all glass to metal contact.
- 5 - Do not exercise any restraint on the glazing.
- 6 - Do not damage the glazing's edges nor the protection tape.
- 7 - Keep the rebates dry and free from aggressive products (acids, organic solvents, etc.).
- 8 - Use non-combustible setting blocks at base.
- 9 - Provide clearances of 4-5mm from glass edge to all peripheral framework.
- 10 - Provide clearances of 4-5mm from glass face to the beads, using designated gasket.
- 11 - Apply a neutral silicone sealant immediately after glazing.
- 12 - Frames fix to supporting construction at 600mm centres on jambs and head, min 200mm from ends. 75mm screws min.

Method of Build:

- 1 - Check the plan layout, elevation type and site location to determine any special site conditions that may affect the installation.
- 2 - Survey location. Cut and condition liners. Assemble frame using non-thermally softening adhesive and 75mm min screws.
- 3 - Ensure the frame does not exceed the dimensions shown on Sheet 1. Where applicable, ensure accurate openings for doors.
- 4 - Insert the assembled frame into the location, ensure the frame is plumb using an accurate, calibrated laser.
- 5 - Fix the frame to the supporting construction at 600mm centres and 200mm from ends using 75mm min screws.
- 6 - Use non-combustible packers between the frame and supporting construction at each fixing to keep the frame straight.
- 5 - Cut all beads. Fit front beads first, ensuring front face alignment. Fix using 40mm steel screws at 250mm ctrs (30° to glass).
- 6 - Survey accurately for the glass, allowing 4-5mm clearance to all peripheral framework. These edge gaps are critical.
- 7 - Clean the frame, then carefully apply the foam gasket to the fixed bead, without stretching the foam.
- 8 - Insert glass panes onto non-combustible setting blocks at the base, set 100mm from each end and centrally above mullions.
- 9 - Apply foam gasket to rear beads and fix to trap glass. Align rear bead and liner faces. Ensure good pressure to glass.
- 10 - Clean the screen, then apply suitable fire mastic to gap between frame and supporting construction, ensuring a neat finish.

| | |
|--------|--------------------------|
| Title | Fire Screen Elevation SC |
| Code | FD30/0 - GFP7 |
| Sheet | 2 of 2 |
| Issue | 2 |
| Date | 23/03/2013 |
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