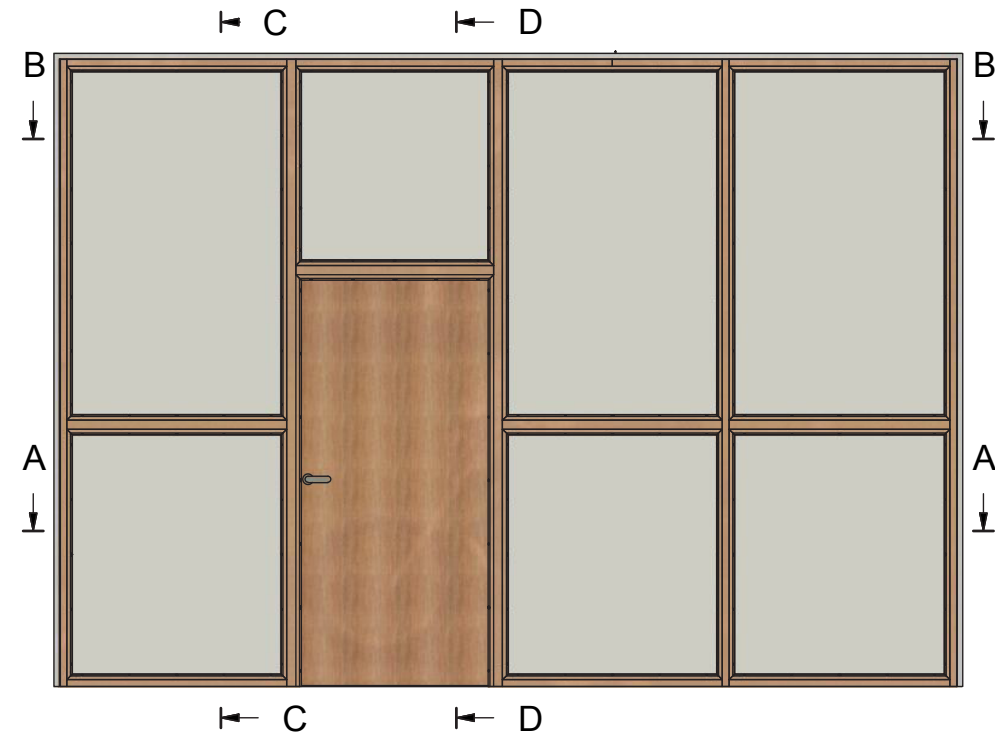
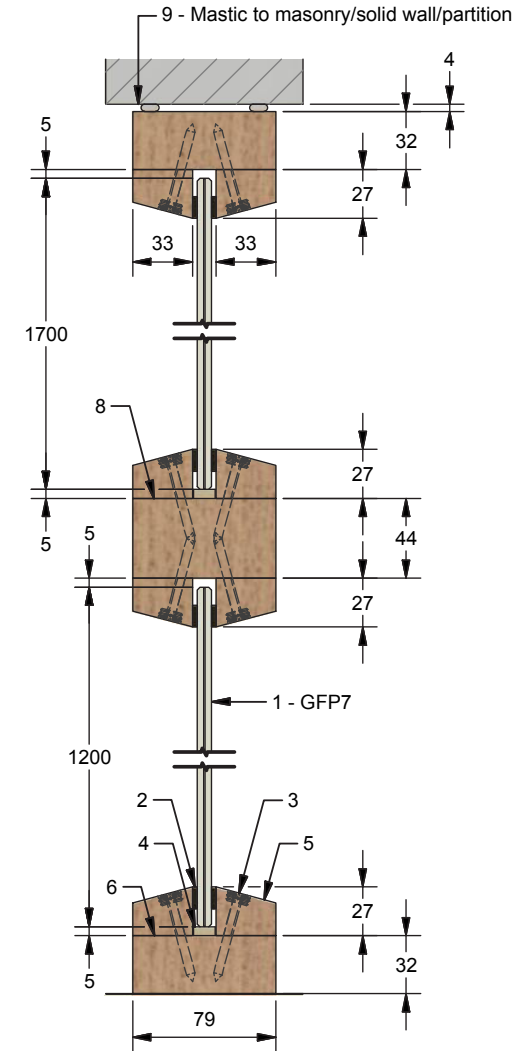


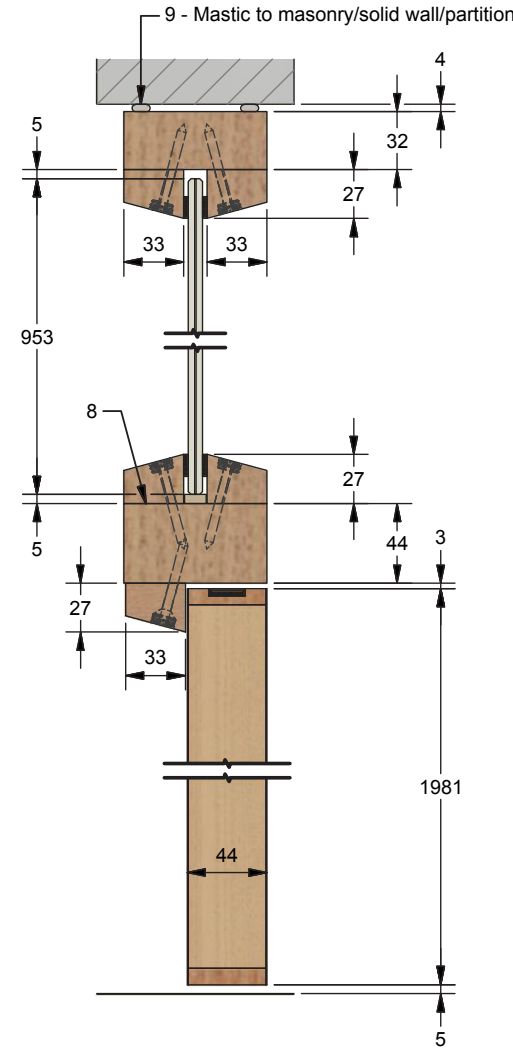
Elevation



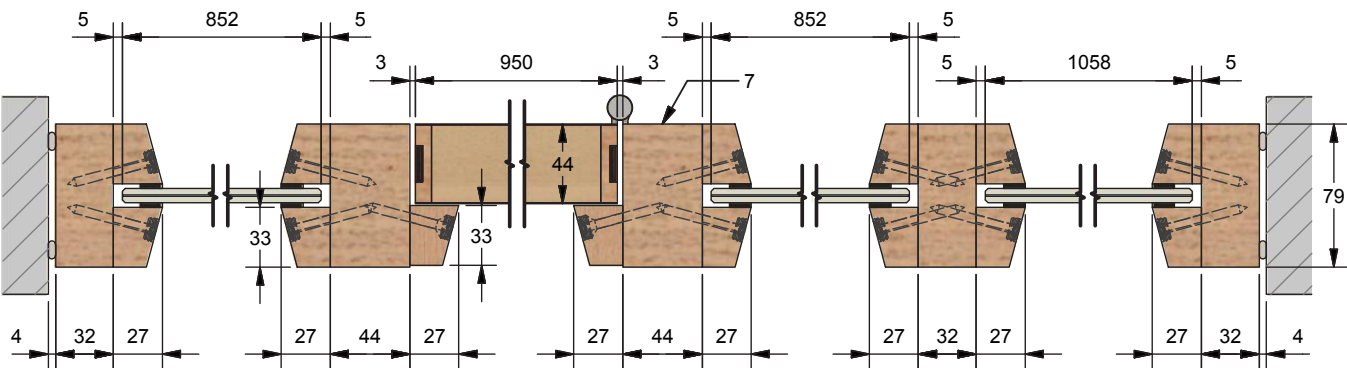
C-C (1:4)



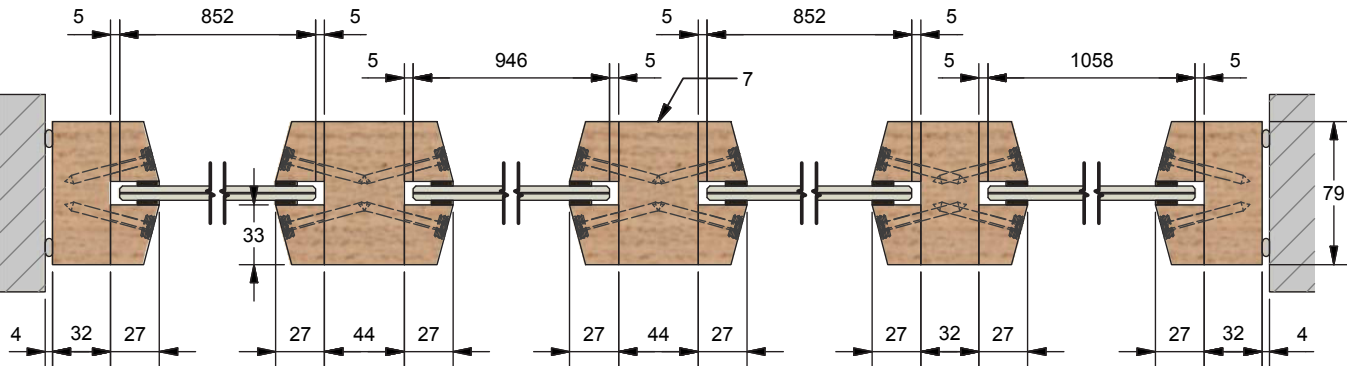
D-D (1:4)



A-A (1:4)



B-B (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
..

Title Fire Screen Elevation SA
Code FD30/0 - GFP7
Sheet 1 of 2 Date 23/03/2013
Issue 3 Dwg No FZD0244



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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 SA		
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