

An intumescent strip of any type must be incorporated between frame and overpanel. Minimum size 10 x 2mm.

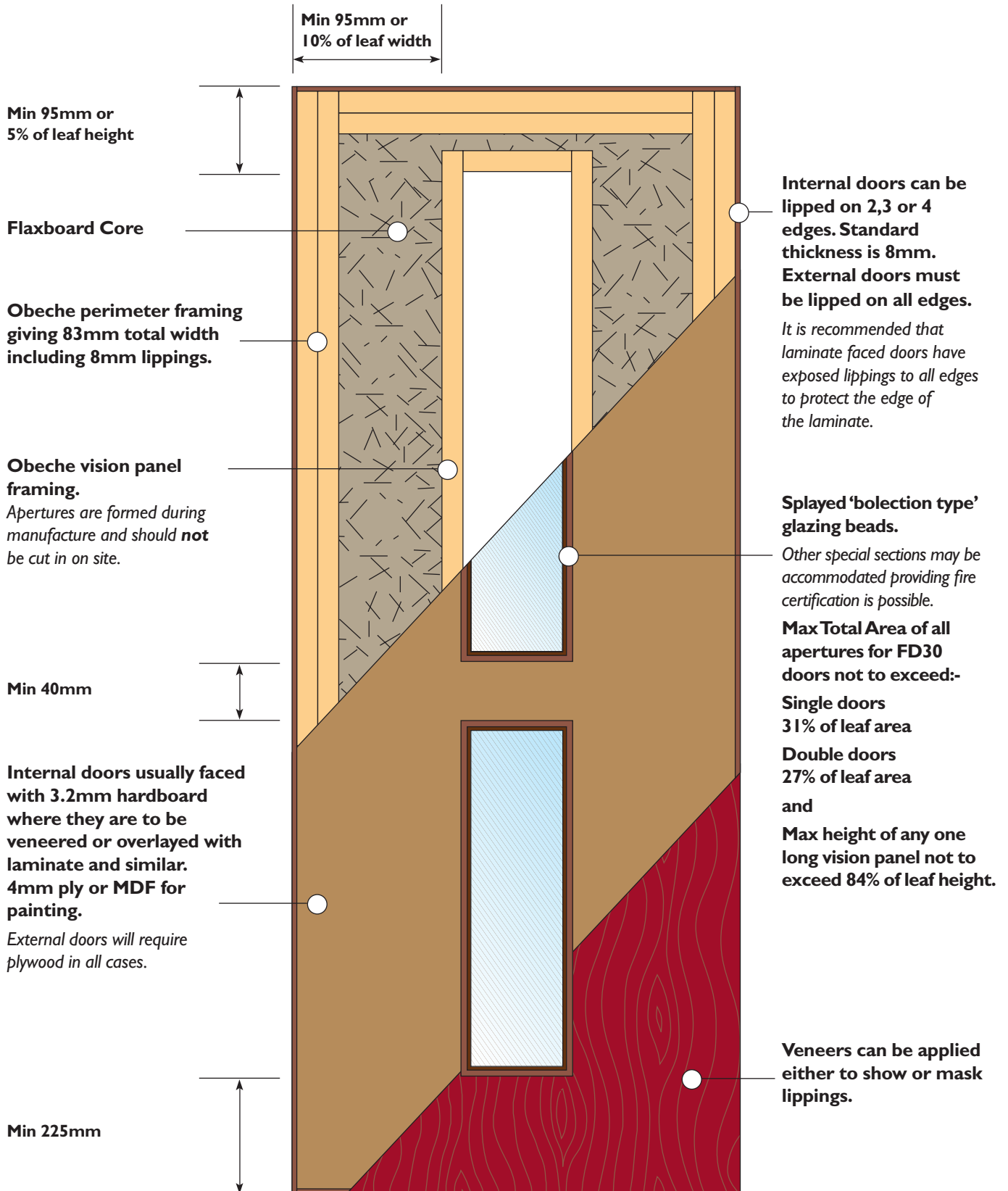
**Fixing Overpanels:** Back screw 150mm in from top corners and 50mm up from bottom edge. A minimum of 2 No. screws per edge and at 500mm maximum centres. Screws must be steel and extend into the overpanel by 50mm.

**Available thicknesses**

- 38mm (15kg/m<sup>2</sup>)\*
- 45mm (18kg/m<sup>2</sup>)\*
- 50mm (20kg/m<sup>2</sup>)\*
- 55mm (22kg/m<sup>2</sup>)\*
- 60mm (26kg/m<sup>2</sup>)\*

**FD30 and external doors must be a minimum of 45mm thick.**

\* Weights are approximate and exclude secondary facings such as laminate and metals etc.



Internal doors can be lipped on 2,3 or 4 edges. Standard thickness is 8mm. External doors must be lipped on all edges. It is recommended that laminate faced doors have exposed lippings to all edges to protect the edge of the laminate.

Splayed 'bolection type' glazing beads. Other special sections may be accommodated providing fire certification is possible. Max Total Area of all apertures for FD30 doors not to exceed:-  
 Single doors 31% of leaf area  
 Double doors 27% of leaf area  
 and  
 Max height of any one long vision panel not to exceed 84% of leaf height.

Veneers can be applied either to show or mask lippings.

Overpanel to frame gaps MUST NOT exceed 1mm. A Palusol or Graphite intumescent strip must be incorporated with a minimum size of 18 x 2mm or equivalent if of the sleeved type.

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<p><b>Available thicknesses</b>                  55mm (22kg/m<sup>2</sup>)*                  60mm (26kg/m<sup>2</sup>)*                  66mm (31kg/m<sup>2</sup>)*                  70mm (34kg/m<sup>2</sup>)*</p>	<p><b>FD60 and external doors must be a minimum of 55mm thick.</b></p> <p>* Weights are approximate and exclude secondary facings such as laminate and metals etc.</p>
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