## FD90 ENVELOPE OF APPROVED FCW DOOR LEAF SIZE IN A FLUSH **COMPOSITE FRAME**

Latched Single Acting Single Leaf with Transom Overpanel LSASD - o/p

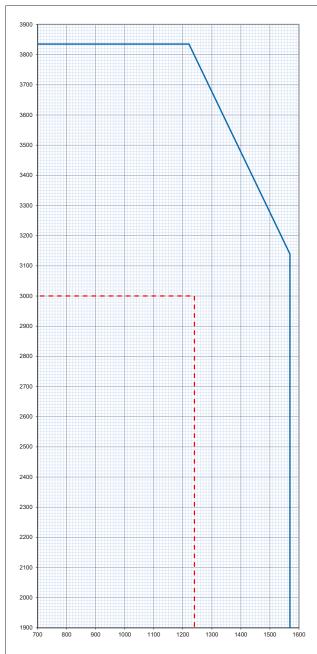
VP options shown as:

St - Steel beads with 5mm Firelite Tb - Timber Beads with 10mm Pyrodur

Forza maximum overpanel high = 1000mm

## Forza maximum manufacturing leaf size indicated by red dashed line 3000mm high x 1240mm wide

The Leaf size of each Forza core shown on this graph is calculated from an evaluation of British Standard 476: Part 22: 1987 fire resistance test evidence reference in KFSC (IFC). Field of Application report.



| Forza    | Leaf Size |            |       |            | Vision Panel Size Limit |        |       |              |      |         |
|----------|-----------|------------|-------|------------|-------------------------|--------|-------|--------------|------|---------|
| Core     |           |            |       |            | Max                     | Max    | Max   | Min Margin   |      |         |
|          | Max       | Associated | Max   | Associated | combined                | Height | Width | Head         | From | Between |
|          | height    | width      | width | height     | Area m <sup>2</sup>     | mm     | mm    | and<br>Style | Base | VP's    |
|          |           |            |       |            |                         |        |       | _            |      |         |
| FCW90 St | 3835      | 1221       | 1569  | 3139       | 0.10                    | 300    | 300   | 200          | 200  | 100     |
| FCW90 Tb | 3835      | 1221       | 1569  | 3139       | 0.35                    | 1444   | 245   | 160          | 466  | 100     |
|          |           |            |       |            |                         |        |       |              |      |         |
|          |           |            |       |            |                         |        |       |              |      |         |
|          |           |            |       |            |                         | ·      |       |              |      |         |

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