



FVI44 Large Ventilated Cavity Barrier

Performance Data



Orientation: Horizontal

Dimensions: Bespoke to requirement by 75 height x 1000 length

| Internal Substrate | External Substrate | Maximum Cavity Width (in mm) | Maximum Open State Air Gap (in mm) | Performance | |
|---|-----------------------------------|------------------------------|------------------------------------|-------------|------------|
| | | | | Integrity | Insulation |
| ≥ 10 mm Cempanel cement particle board or Concrete | Masonry (brick/block) or Concrete | 60 | 44 | 180 | 180 |
| SFS (Steel Frame System) with ≥ 12.5 mm Weather Defence board lined with ≤ 25 mm Phenolic interrupted | Masonry (brick/block) or Concrete | 80 | 44 | 120 | 90 |
| Masonry (brick/block) or Concrete, lined with ≤ 100mm PIR interrupted | Masonry (brick/block) or Concrete | 300 | 44 | 60 | 60 |
| Masonry (brick/block) or Concrete, lined with ≤ 100mm PIR interrupted | Masonry (brick/block) or Concrete | 450 | 44 | 30 | 30 |
| SFS (Steel Frame System) with ≥ 12.5 mm Gtec Weather Defence board | Masonry (brick/block) or Concrete | 450 | 44 | 30 | 30 |
| SFS (Steel Frame System) with ≥ 12.5 mm Y Wall calcium silicate board | Masonry (brick/block) or Concrete | 450 | 44 | 30 | 30 |
| Timber Frame with ≥ 9 mm OSB Board* | Masonry (brick/block) or Concrete | 60 | 44 | 120 | 90 |
| Timber Frame with ≥ 9 mm OSB Board* | Masonry (brick/block) or Concrete | 300 | 44 | 30 | 30 |

Notes on Performance Data:

The types of insulation tested do not infer generic approval for these insulation products and approval should be sought from the insulation manufacturers depending upon the particular type of construction being built. Insulation is tested interrupted to prevent the possibility of fire bypassing behind the cavity barrier.

* A minimum 35 mm thick timber stud that must be in place directly behind the sheathing board in line with the cavity barrier.



Tremco CPG UK Limited
Coupland Rd, Hindley Green
Wigan WN2 4HT UK

www.tremcocpg.eu
Email: hello@tremcocpg.com
Tel: +44 (0)1942 251400