



FVI44 Large Ventilated Cavity Barrier

Performance Data

Nullifire
Smart Protection

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.