



Results of Test: BMT/FEP/F15289 AR1 (1)

Forza Doors Ltd
Star Road Trading Estate,
24a / 24c Star Road, Partridge Green, Horsham,
West Sussex, RH13 8RA

This document confirms that performance testing was conducted on 9th November 2015. Testing was conducted to the following standard:

- BS EN 1634-3: 2004 Incorporating corrigendum no. 1 Fire resistance and smoke control tests for door and shutter assemblies, openable windows and elements of building hardware – Part 3: Smoke control test for door and shutter assemblies.

The following results were achieved:

BS EN 1634-3: 2004		Product tested		A double leaf single acting doorset with ST1009 smoke seal (compression mode), a single ST1504 at the meeting edge (flare mode) and engaged ST422 drop down seal.				
No. of test	Face exposed to pressure	Temperature	Leakage rate Q_{spec} (m ³ /h) at pressure difference of			Linear leakage rate Q_l (m ³ /h/m) at pressure of		
			10Pa	25Pa	50Pa	10Pa	25Pa	50Pa
1.	Side A (Internal)	Ambient	2.48	4.34	6.57	0.30	0.53	0.81
2.	Side B (External)	Ambient	- 2.74	- 4.51	- 6.70	- 0.34	- 0.55	- 0.82

Testing was carried out at ambient temperature only: temperature of the test chamber was measured using a calibrated digital thermometer before and after testing. In England approved document B Fire Safety, doors should have a leakage rate not exceeding 3m³/h/m (head and jamb only) when tested at 25Pa.

For this test, the threshold was sealed and not included in the perimeter length.

The perimeter length of leaf/frame gap was 8.14m.

The results relate only to the specimen tested, as detailed in the technical specification.

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