



Dunmore Co Galway
Ireland

Folding Attic Stairs Ltd

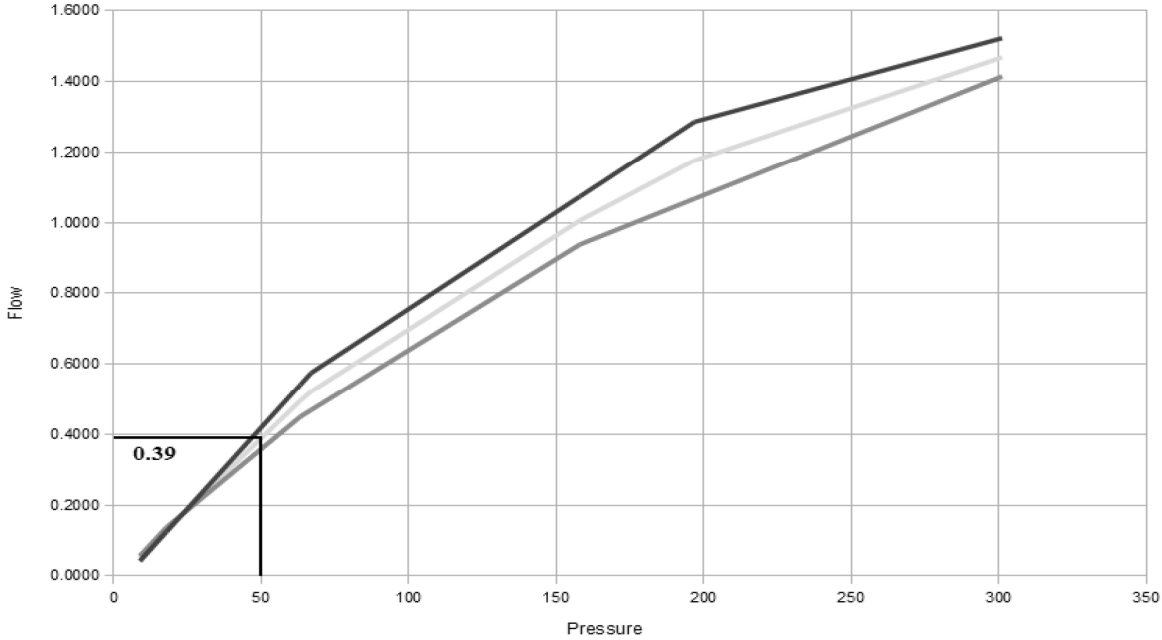


Certificate No. FM 75504



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Leakage (m3 per hour) vs. Pressure (Pascal)



Results Explanation 1:

Stira Leak Rate: 0.39m³ per hour at 50 Pascal.
(Tested Average)
Typical Leak Rate: 10 m³ per hour at 50 Pascal
(per m² of Floor Area).
Medium House (120m²): 1200m³ per hour at 50 Pascal.
Large House (240m²): 2400m³ per hour at 50 Pascal.

Results Explanation 2:

Air changes per hour calculated as 5% of the air changes per hour at 50 Pascal for a 2 storey house. The results in air changes per hour are:

	<u>Air changes per hour</u>	<u>m³ per hour</u>
Medium 120m ² house	0.5	60
Large 240m ² house	0.5	120
Stira (in 120m ² house)	0.00016	0.0195
Stira (in 240m ² house)	0.00008	0.0195

Stira ventilation losses are negligible compared to the ventilation losses through the building fabric of a typical house.

Stira trapdoor U-Value: 1.32 W/m²K