

DATA SHEET | LOUVRE

EWL EXTRUDED WEATHER LOUVRE

EWL is a single bank extruded weather louvre, providing high performance rain defence.

Suitable for applications requiring screening and ventilation.

BS EN13030 Test Criteria

Rain Defence Classification	Effectiveness	Rain Defence Effectiveness %	Rain Entry $l/hr/m^2$
	<i>1.0 = 100%</i>		
Class A	1.00	100%	0.00
	0.99	99%	0.75
Class B	0.989	98%	1.50
	0.95	95%	3.75
Class C	0.949	90%	7.50
	0.80	80%	15.0
Class D	below 0.80	70%	22.5
		60%	30.0
		50%	37.5

Aerodynamic Performance

Class	Coefficient
Class 1	0.40 and above
Class 2	0.30 to 0.399
Class 3	0.20 to 0.299
Class 4	below 0.20

FEATURES & BENEFITS

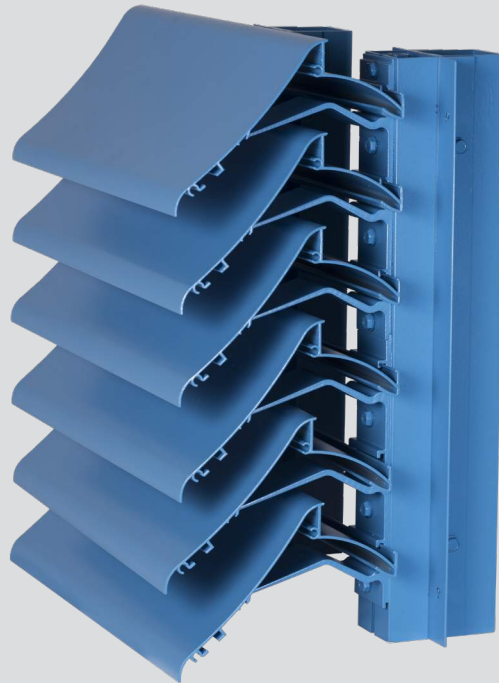
- Single bank extruded louvre system
- Aluminium mullion clips
- High performance rain defence
- 50mm pitch
- Pre-assembly ensures quick installation
- Versatile fixing points
- Available in continuous runs for larger applications
- Can be mounted both horizontally and vertically



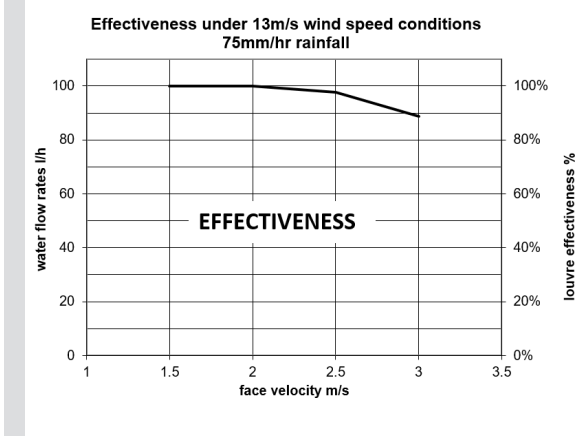
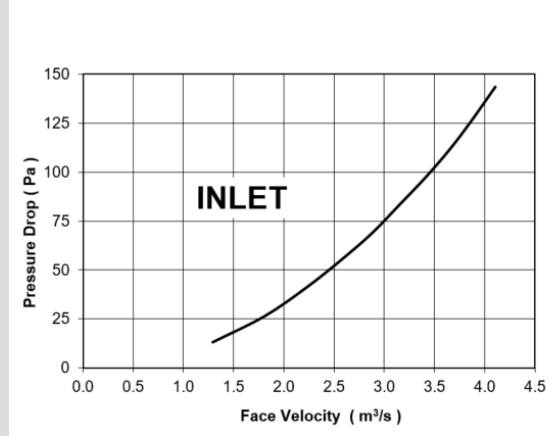
Back of louvre panel



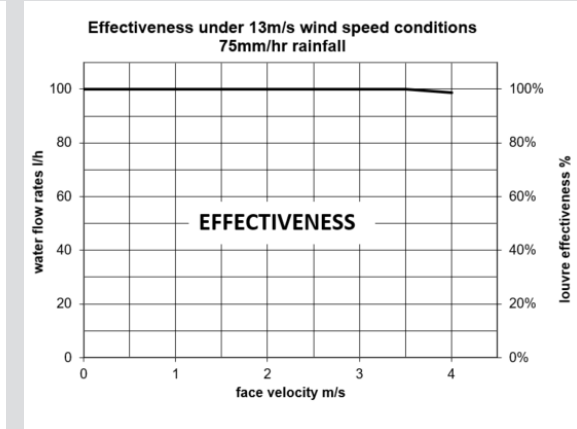
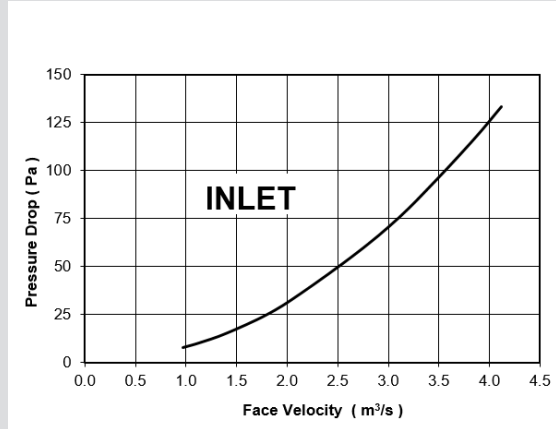
EWL profile



EWL Horizontal



EWL Vertical



EWL Weather Performance test results in accordance with EN 13030

Louvre	Face Velocity (m/s)									CV
	0.0 m/s	0.5 m/s	1.0 m/s	1.5 m/s	2.0 m/s	2.5 m/s	3.0 m/s	3.5 m/s	3.75 m/s	
EWL/H	A	A	A	A	A	A	A	B	-	0.253
EWL/H with insect mesh	100%	100%	100%	100%	100%	99.9%	99.3%	95.8	-	3
EWL/V	A	A	A	A	A	A	A	A	A	0.287
	100%	100%	100%	100%	100%	100%	100%	100%	99.9%	3