

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.

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



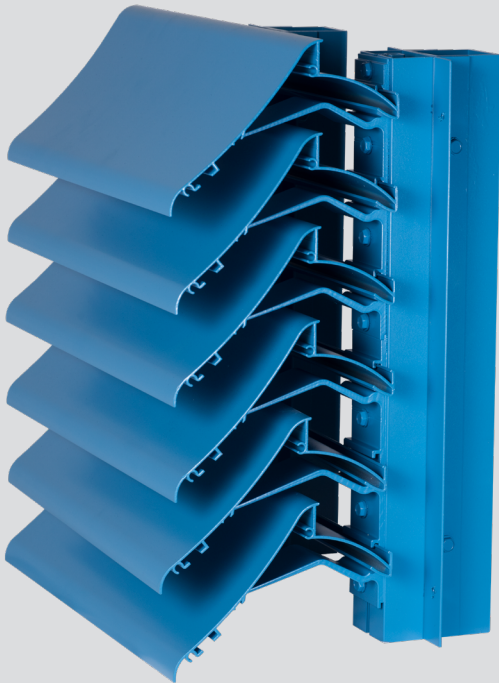
EWL profile

BS EN13030 Test Criteria

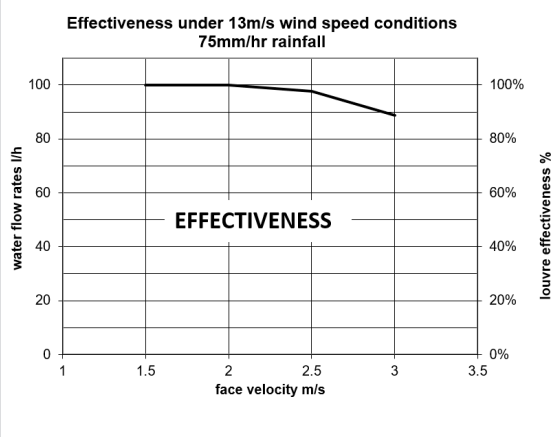
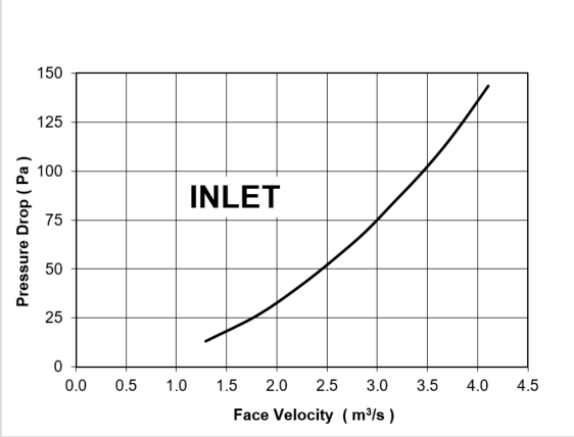
Rain Defence Classification	Effectiveness <i>1.0 = 100%</i>	Rain Defence <i>Effectiveness %</i>	Rain Entry <i>l/hr/m²</i>
Class A	1.00 0.99	100% 99%	0.00 0.75
Class B	0.989 0.95	98% 95%	1.50 3.75
Class C	0.949 0.80	90% 80%	7.50 15.0
Class D	below 0.80	70% 60% 50%	22.5 30.0 37.5

Aerodynamic Performance

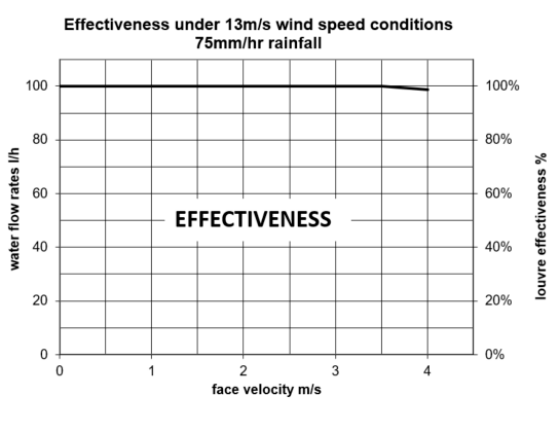
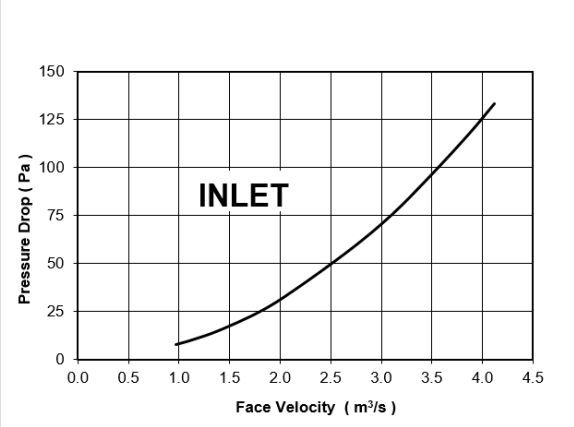
Class	Coefficient
Class 1	0.40 and above
Class 2	0.30 to 0.399
Class 3	0.20 to 0.299
Class 4	below 0.20



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