**RENSON LINIUS® L.060M**

**SPECIFICATION SHEET**

LINIUS® **L.060M** is a ventilation system composed of continuous louvres with the following essential characteristics:

* **aesthetically appealing**
	+ blade pitch: 77 mm
	+ blade height: 83 mm
	+ invisible assembly with aluminium blade clips
* **airflow**
	+ physical free area: 77%
	+ visual free area: 83%
	+ aerodynamic properties (without mesh)
		- class 1 according to EN 13030:2001
		- resistance factor entry K = 1/ce² = 4,7 ; Ce = 0,462
		- resistance factor discharge K = 1/ce² = 4,8 ; Ce = 0,457
	+ documents to be submitted : independent test report in accordance with EN 13030:2001 to determine the aerodynamic properties (BSRIA – 106808/5)
* **stability**
	+ max. unsupported blade span at a peak velocity pressure qp(z) of 800 Pa: 850 mm
	+ supporting structure
		- type of mullion and number of mullions are to be provided according to the designed span and the local wind load
		- preferably in aluminium, as part of the continuous louvre system
* **materials:**
	+ extruded aluminium profiles AlMgSi0,5(F25) - T66 - EN AW-6063
	+ surface treatment:
		- anodised in natural colour EV6/EV1 (20 micron): pretreated and anodised **OR**
		- polyester powder coating in RAL colour according to the Qualicoat standard
* **options**
	+ wire mesh 2.3 x 2.3 ; 6 x 6 of 20 x 20 mm, fitted to the rear of the supporting structure
	+ threshold profile LZ.4140
	+ pre-assembled pivoting ventilation doors with linear blades (see separate description)