**BUILT-IN WALL LOUVRE TYPE RENSON 421RC3**

**SPECIFICATION SHEET**

Louvre type Renson 421RC3 is a built-in ventilation louvre and has the following properties :

* **aesthetics**
	+ visual screening
		- horizontally visually closed, by applying a blade pitch which does not exceed the blade height
		- blade pitch = 50 mm
		- blade height = 56 mm
	+ invisibly assembled with aluminium blade supports
	+ invisible mounting of the louvre with stainless steel wall anchors
	+ mitred, pressed corners
	+ flange = 38mm
* **burglar resistance** (according to EN1627 up to and including EN1630 (2011))
	+ Classification: RC3 (for louvre surfaces up to 4.8 m²)
	+ documents to be submitted : independent test report (WTCB-BBRI)
* **airflow**
	+ physical free area: 43%
	+ visual free area: 70%
	+ aerodynamic properties according to EN 13030:2001 (with mesh 2.3 x 2.3 mm)
		- resistance factor entry K = 1/ce² = 13.82 / Ce = 0.269
		- resistance factor discharge K = 1/cd² = 12.85 / Cd = 0.279
	+ documents to be submitted : independent test report in accordance with EN 13030:2001 to determine the aerodynamic properties (BSRIA, 54763/2)
* **Weatherability**
	+ Overlapping Z-shaped blades with water barrier
* **material**
	+ extruded aluminium profiles (AlMgSi0.5, EN AW 6063 T66)
	+ made with mesh composed of stainless steel 18/8: mesh size 2.3 x 2.3 mm
	+ 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
* **fitting depth** : 46 mm
* **options**
	+ Alternative mesh types: mesh size 6mm x 6mm or 10mm x 10mm.
	+ Water channel for increased weatherability
	+ Drainage profile to prevent dirt deposits on the facade
	+ Removable mesh: allows easy cleaning and comes with an integrated drainage profile
	+ Filter: class G4