**RENSON CONTINUOUS LOUVRE BLADE LINIUS® SPECIFICATIONS**

**Brand : LINIUS®**

**Type : ACOUSTIC LINIUS L.170 ACL**

**Manufacture and reference :**

The L.170 ACL is manufactured and supplied by Renson Ventilation Tel: 01622 754123 Email: [projects@rensonuk.net](mailto:projects@rensonuk.net) Website: www.renson.eu

**Description:**

RENSON LINIUS® L.170 ACL is an extruded acoustic louvre blade. The blade is installed continuously by using a concealed clipped mullion system.

**System operation and performance:**

**Acoustic Performance** – Sound reduction index

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Frequency Band** | 125 | 250 | 500 | 1000 | 2000 | 4000 |
| **R (dB)** | 10.1 | 4.6 | 7.8 | 15.4 | 17.8 | 13.7 |

Rw (dB): 13 (-1;-3)

**Type L.170ACL**

Visual Free Area 59%

Physical Free Area 37%

K-factor: Intake 28.58

K-factor: Discharge 30.88

Ce coefficient: Intake 0.187

Cd coefficient: Discharge 0.180

Maximum louvre span between two mullion (m) 2.7

**Product Construction:**

Profile: Extruded aluminium (EN AW – 6063 T66)

Sound absorbing material: inorganic mineral wool

**Surface Treatment:**

Mill finish

Anodised (EV6/EV1) (20 micron): pre-treated and anodised.

Polyester powder coating in any RAL colour (40 micron): aluminium profiles pre-treated to resist corrosion (DIN 5002155) to guarantee.

**Installation:**

L.070ACL.11 fix the blades onto supporting mullions, chosen depending on height span at a 170mm pitch.

Supplied in modular form or breakdown. Also available with mitred corners and turrets.

**Accessories**

Stainless steel birdguard 6mm x 6mm secured to the rear

Stainless steel insect mesh 2.3mm x 2.3mm secured to the rear

Single skin and insulated blanking plates

**Product Information:**

http://www.rensonuk.net/Continuous-louvres-United-Kingdom.html