**RENSON CONTINUOUS LOUVRE BLADE LINIUS® SPECIFICATIONS**

**Brand : LINIUS®**

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

**Manufacture and reference :**

The Acoustic Linius L.170 ACS is manufactured and supplied by Renson Fabrications; Tel: 01622 754123 Email: projects@rensonuk.net Website: www.renson.eu

**Description:**

RENSON LINIUS® L.170 ACS is an extruded acoustic louvre blade. The blade can be installed continuously by using a concealed clipped mullion system or in a panel with an integrated frame.

**System operation and performance:**

**Acoustic Performance** – Sound reduction index

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Frequency Band** | 125 | 250 | 500 | 1000 | 2000 | 4000 |
| **R (dB)** | 4.2 | 2.9 | 5.4 | 11.5 | 11.2 | 9.6 |

Rw (C;Ctr) = 9 (0;-1) (dB)

**Type L.170ACS**

Visual Free Area 59%

Physical Free Area 37%

K-factor: Intake 37.3

K-factor: Discharge 41.9

Ce coefficient: Intake 0.164

Cd coefficient: Discharge 0.154

Maximum louvre span between two mullion (m) 2.8

**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 to guarantee.

**Installation:**

L.170ACL.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