L.150ACS / L.170ACS / L.150ACL / L.170ACL < Blade types

L.150ACS

L.150ACL

Extruded aluminium blade

Extruded aluminium profile with a pitch of 150 mm and perforated underside; maximum blade length of 6,000 mm. Blades packed with inorganic mineral wool for acoustic performance. Developed to provide an aesthetic solution for noise reducing continuous louvre applications. In order to guarantee a aesthetical look and extra protection of the mineral wool, the blade can be provided with lasered aluminium end caps.

Materials
- L.150ACS and L.150ACL : extruded aluminium, EN AW - 6063 T66, perforated aluminium sheet.

Finish
- Anodised (20 micron)
- Polyester powder coating RAL or Syntha Pulvin® colours (60 - 80 µ/40 µ (UK))

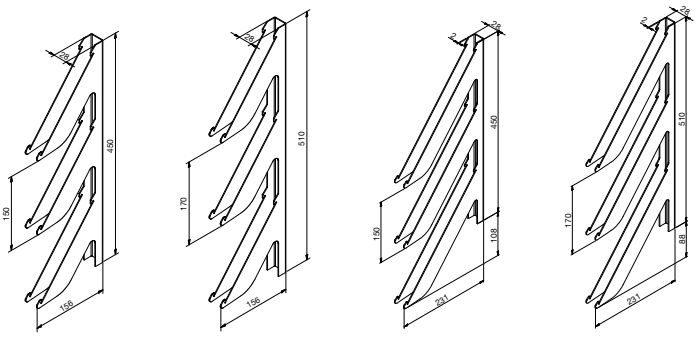
Mesh
Fixed to rear of the support structure.

Doors
Single and double doors available with standard RENSON® hardware and rotating on pivot (see p. 71-72)

End cap
Lasered aluminium end caps in the same colour of the blade.
L.150.ACS.13 : for blade L.150ACS.01
L.150.ACL.13 : for blade L.150ACL.01
L.150.ACL.14 : for blade L.150ACL with angle cuts at 45°

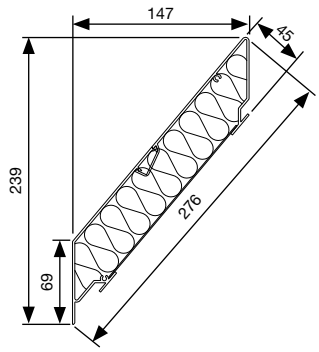
Acoustic properties
- L.150ACS: R_w (C;C_{tr})= 11 (-1;-2) dB
- L.170ACS: R_w (C;C_{tr})= 9 (0;-1) dB
- L.150ACL: R_w (C;C_{tr})= 15 (-1;-4) dB
- L.170ACL: R_w (C;C_{tr})= 13 (-1;-3) dB

Blade support
- L.150ACS: type L.150ACS.11
- L.170ACS: type L.170ACS.11
- L.150ACL: type L.150ACL.11
- L.170ACL: type L.170ACL.11

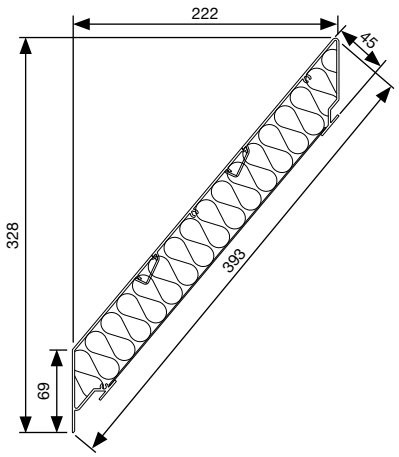


Technical drawings

L.150ACS.01



L.150ACL.01



Technical data

	L.150ACS
Pitch	150 mm
Depth	147 mm
Height	239 mm
K-Factor*, supply	27,4
Visual free area*	54%
Physical free area*	34,3%
Max. unsupported span between two mullions**	2800 mm

	L.170ACS
Pitch	170 mm
Depth	147 mm
Height	239 mm
K-Factor*, supply	25,4
Visual free area*	59%
Physical free area*	37%
Max. unsupported span between two mullions**	2800 mm

	L.150ACL
Pitch	150 mm
Depth	222 mm
Height	328 mm
K-Factor*, supply	37,3
Visual free area*	54%
Physical free area*	34,3%
Max. unsupported span between two mullions**	2700 mm

	L.170ACL
Pitch	170 mm
Depth	222 mm
Height	328 mm
K-Factor*, supply	28,58
Visual free area*	59%
Physical free area*	37%
Max. unsupported span between two mullions**	2700 mm

** Definition see p. 50*
*** At qb 800 Pa wind pressure*