Louvre profile

The folding louvre shutter has an aluminium box profile frame for rigidity and torsion stiffness. Of the six available fin types there is a choice of three modules for a more closed, medium cor more open configuration. A more closed fin configuration provides the best shading while a more open configuration allows the best outward view.

Modules for fixed fins	Resulting shading angle		
Fintype	7°	20°	34°
Alu Rounded 60x10	47	57	70
Alu foil 70x15	60	70	84
Alu/Wood rhombold 68x16	53	65	81
Alu S 70x48	76	87	102
Alu Z 70x48	76	87	102

Maximum Dimensions

The panel width for a Folding Shutter can vary from 530 to 900 mm and the height can be up to 3400 mm, depending on situation and wind load. The shutter can be larger when the distance between fixed and sliding rotation points in this open situation is increased. There are two options for this "hinge spacing": 150 mm or 250 mm. The two graphs show the maximum panel dimensions as a function of the maximum wind load for each of these options.

Materials and Finishes

The Louvre Shutter can be anodized in a natural silver colour or a range of alternative colours and shades. For an even wider choice of colours and designs the shutters can be powder coated in any RAL colour or to a specific colour requirement.

Morag also offers the highest standard of sublimation finishes: a durable powder coated finish with a superb look of wood or patinised metal. Western Red Cedar can be used without finish in outside conditions, resulting in a beautiful silver grey tone. Alternatively the wood fins can be provided with a transparent nano coating that with regular maintenance will preserve the original red brown appearance.
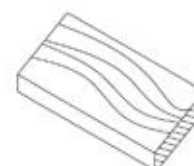
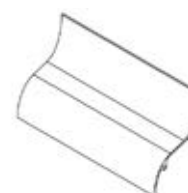**Fin Alu rounded 60x10**
Fixed system
Material: Aluminium

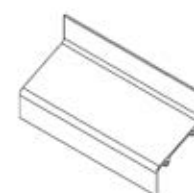**Fin Alu foil 70x15**
Fixed system
Material: Aluminium
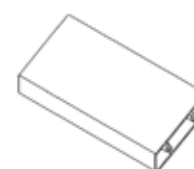
Fin alu rhomboid 68x16
Fixed system
Material: Aluminium

Fin WRC rhomboid 68x16
Fixed system
Material: Western Red Cedar

Fin Alu S 70x48
Fixed system
Material: Aluminium

Fin Alu Z 70x48
Fixed system
Material: Aluminium