



Folding Shutters

The HunterDouglas® Folding Shutter provides the architect with a very dynamic form of external sun control. Opening or closing the shutters will instantly and dramatically transform the appearance of the façade. Allowing maximum outward view when opened, the shutters offer effective control of heat and light when closing fully flat into the façade.

HunterDouglas

SUN CONTROL

Folding Shutter

Folding away



For many years Hunter Douglas has built folding shutters in projects as manual or motorized sun control solution. Folding shutters give a strong dynamic effect to a building by radically changing the facade from a closed, monolithic volume to an open, transparent envelope. The panels fold away from the façade, literally creating an extra dimension that makes this transformation even more dramatic.

With these years of experience Hunter Douglas has also been able to achieve an important technical feat: a motorized folding shutter that will close completely flat. A specially engineered clever hinge mechanism operated by a compact linear actuator enables the shutter to meet the logical expectation of user and architect to fold away completely in the façade surface.



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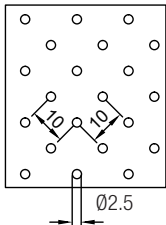


HunterDouglas® Folding Shutters are typically built in aluminium with either fixed louvre fins or a perforated aluminium sheet panel, but can also be provided with any custom material. This allows a complete integration in the surrounding façade. Shutter width can vary from 530 to 900 mm and shutter height can be up to 3600 mm, depending on situation and wind load.

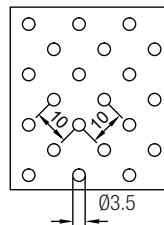
DIMENSIONS

The maximum dimensions of the folding shutter depend on the applicable wind loads. The table on the right shows the maximum allowable wind load for different shutter widths and heights.

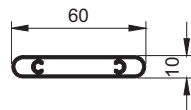
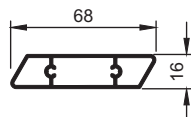
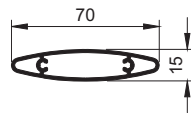
Perforation A:
R2.5 - Z10x10
opening 5%



Perforation B:
R3.5 - Z10x10
opening 10%

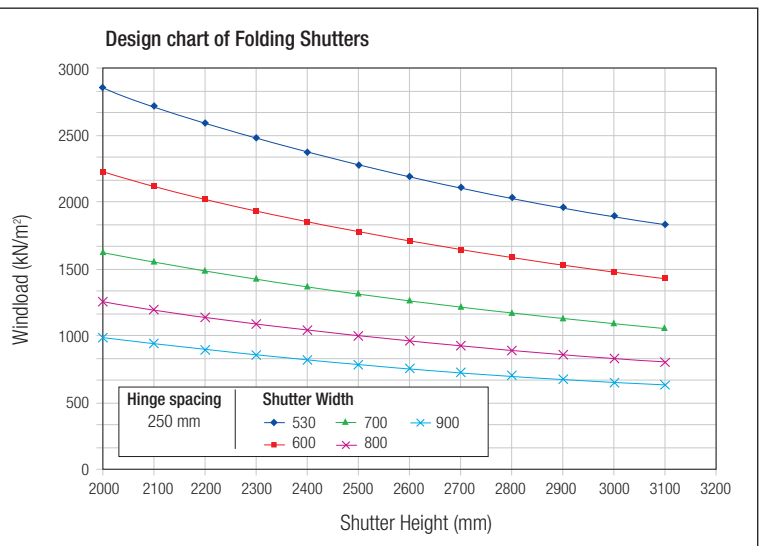
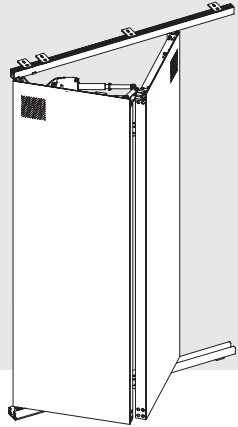
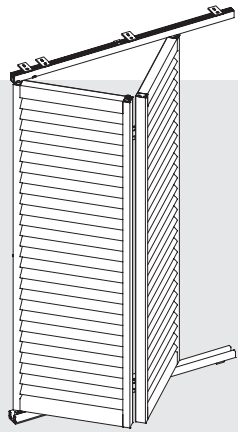


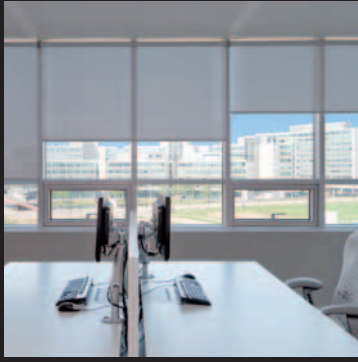
For fins there is a choice of three aluminium fin types; for perforated sheet there is a choice of two functional perforation patterns with 5% or 10% open area for visual and thermal interior comfort. Application of custom design perforations or patterns is also possible. Finish can be anodized or powdercoated in any available colour. The HunterDouglas® Folding Shutter is fully weather resistant and requires only a minimum of maintenance.



FOLDING SHUTTER - KEY FEATURES

- Folding shutter with aluminium fins or perforated sheet
- Manually operated or motorized, both closing completely flat
- Changes façade appearance instantly from closed to open
- Available as single pair (V) or double pair (W, manual only)
- Filters direct sunlight, allows outward view and reduces solar radiation impact by 90%
- Totally weather resistant and virtually maintenance free
- Clever hinge mechanism operated by 24V actuator
- Designed for easy and safe installation
- Two perforation options and three fin options offered as standard
- Custom design perforations or materials possible
- Unlimited choice of colours





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WINDOW COVERINGS | CEILINGS | SUN CONTROL | FAÇADES

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