

Technical Specification

Altra Hinged Shutter



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Altra Shutters allow for you to control light and privacy by tilting the adjustable slats. The Altra Aluminium Shutter is designed to simulate the appearance and clean lines of a timber shutter while delivering all the strength and benefits of an aluminium shutter. The Altra Shutter's aluminium construction provides key benefits in terms of weight, durability and allowing for the manufacture of wide panels. The Altra Shutter however

Panel Size constraints:

Minimum panel Width: 350mm

Maximum Panel Width: 1100mm

Maximum Panel Height: 2800mm

Panels:

The Altra Shutter panel is a powder coated aluminium panel comprised of 90mm aluminium tilting blades connected by a hidden tilt rod (no more than 13 connected on one tilt rod).

The blades pivot between two aluminium stiles using plastic bearings.

The Stiles are connected by aluminium top-rails, bottom-rails, and a bottom adjustment rail (Compulsory mid-rail for panels over 1.8m high). All fixing screws to be Stainless steel for corrosion resistance.

Hinges:

Hinges to be powder coated aluminium sinkless hinges with Nylon bushes to reduce panel sag. The hinges are available in both satin white and silver.

Panel Configurations:

The Altra Hinged shutter consists of panels Hinged to a frame, available in a 1-panel, 2-panel, 3-panel configuration and 4-Panel configuration.

Frame:

The Altra Hinged Shutter is available with the following Frame options or a combination of Z and L-Frame. All frames' sides are cut to precise 45 deg angles and are assembled with timber and aluminium corner inserts, then screwed in place. Depending on the size of the frame, frames may either be shipped assembled or disassembled.

Z-Frame: The Z-Frame is a 65mm x 50mm powder coated aluminium extrusion designed to be installed within the reveal but have an overlapping edge that sits outside of the reveal to cover any imperfections or installation damage in the reveal.

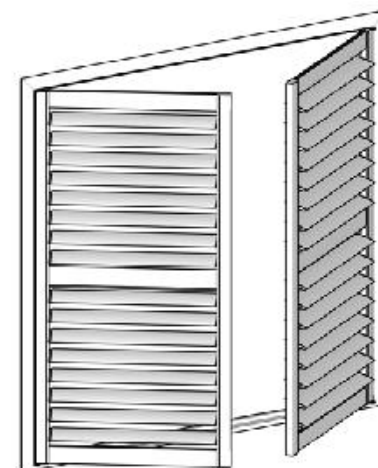
L-Frame: The L-Frame is a 50mm x 35mm powder coated aluminium extrusion designed to be installed within the reveal but unlike the Z-frame it has no overlapping edge and can be used where it is not possible to use the Z-frame e.g., it can be used where a windowsill protrudes from the window opening or where a window opening is against a wall. The L-frame can be used in conjunction with the Z-frame on the same frame.

Extended L-Frame: The Extended L-Frame is like the standard L-frame but has a deeper profile (70mm x 35mm) designed to either be installed within the reveal to push the shutter further out or as a face fix installation to ensure the blades can tilt freely without obstruction.

T-Post: The T-post is a T-shaped profile installed in the frame for either frame rigidity, an extra hinge point, or to accommodate a locking point.

Optional Extras:

The Altra Hinged Shutter is available with a dead lock and keyed cylinder.



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