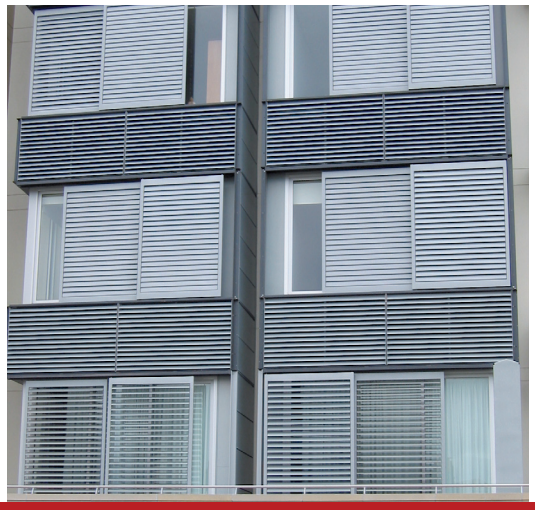
AEROTECH AS89 SERIES ALUMINIUM SHUTTER SYSTEM

The Aerotech Aluminium Shutter System has been specifically designed and engineered to enhance the energy efficiency of buildings by controlling the penetration of heat, light, and UV rays.

- The Aerotech Aluminium Shutter System effectively offers balcony and window openings with efficient means of sun control, privacy, ventilation and wind protection whilst maitaining complete flexibility.
- Each installation requires our site specific design approach to ensure wind loads and structure requirements meet engineering standards.
- Panels can be fixed, sliding or bi-folding, controlled by either hand or electric motor drives with optional sun, wind and rain sensors, which enable automatic adjustment in changing weather conditions.
- Shutters are available in a variety of blade profiles, powder coat colours and a natural anodised finish.
- Alfresco Blinds Co will work closely with you to design the optimum Aerotech Shutter solution in terms of solar control, shelter, privacy and functionality.



AEROTECH AS SERIES ALUMINIUM SHUTTER SPECIFICATIONS

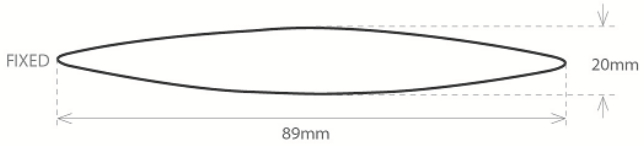
Please note illustrations are not to scale. All measurements are in millimetres.

BLADE DIMENSIONS

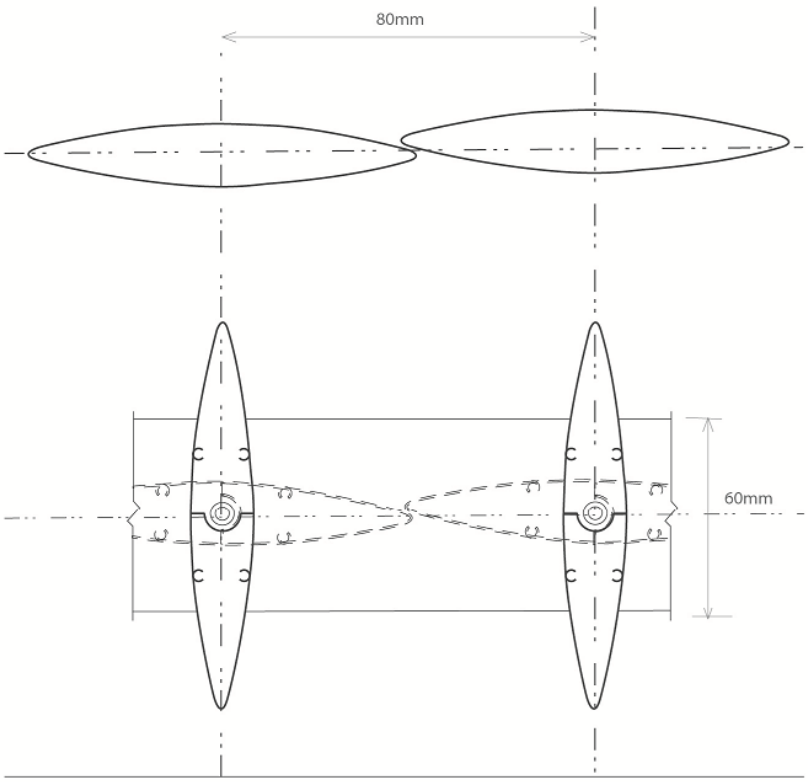
Operable & Fixed Shutter System

The Aerotech Aluminium Shutter System is made from extruded aluminium in a aerofoil shape and the blade size is 89mm x 20mm.
Blades can be installed as a fixed sun louvre or as a fully adjustable system in both horizontal and vertical configurations.

Model ASF 89
Fixed Blade System



Model ASO 89
Operable Blade System



BLADE SIZE	89MM	150	200	300
WEIGHT	1.15kg/lm	1.62 kg/lm	2.39 kg/lm	4.39 kg/lm
WALL THICKNESS	2.6mm	1.6mm	1.8mm	2mm
DEFLECTION 1.5M UNDER SELF WEIGHT	0.5mm	0.6mm	0.7mm	0.3mm
WIND LOAD AT FIX 45°	5.050 load kPa	5.050 load kPa	6.200 load kPa	6.500 load kPa
WIND LOAD OPERABLE	3.780 load kPa	3.780 load kPa	4.640 load kPa	4.690 load kPa
EXPANSION AT 40° / 2M LONG	1.89	1.89	1.89	1.89
FIXED	Louvre blade shall be welded into aluminium frame			
ADJUSTABLE	Mounted within frame by means of a stainless steel stub axle through aluminium endplate and seated into a nylon bush in frame			

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