



ALUMA SERIES

DESCRIPTION: We offer a variety of blade profiles in Aluminium ranging from 45mm to 600mm sizes. Aluminium provides security durability advantages over other shutter profile materials and is well suited for either indoors or outdoors and can be used in a wide variety of applications from standard shutters to privacy screens, sun awnings and roofing systems. Our range is available in all RAL, Dulux, Interpon and Akzo high impact powder coat colours and is produced standard in 25 micron marine grade anodized finish. The Classic 90 Blade profile is the most popular residential choice as it suits many opening configurations both indoors and out. Our wide choice of blade contours allows the Specifier to choose the profile best suited to the project.

Although there is a tendency towards interior installations as hard window furnishing, there is a new and greater awareness of the sensibility to attach Shutters to the exterior to combat heat gain (SHGC) and insulation efficiencies. (U and E Value ratings)

FEATURES & BENEFITS:

No Stick or Tilt Rod	Featuring LouverMate ®Mechanism - No staples to work their way loose, no tension rod or screws to work loose, no unsightly stick to detract from the view. Our patented system ensures tight closure of blades. Less moving parts means less to fail.
Solid Double Skin Core	All blades and frame profiles are constructed from Architectural Grade heat tempered Aluminium. All sections of frame and blades across our entire range are double or triple wall construction resulting in highly engineered designs capable of wide spans, low deflection and high load capacities. Our blade profiles have been designed to accommodate our exclusive patented ShutterGard internal anti tamper system. A painted Aluminium Shutter is far superior to a wood shutter in construction, durability, paint hardness and expectation of life cycle.
High Build High Durum Powder Coat	The integrity of paint build and adhesion should not be under estimated. Its not worth debating the comparisons of lacquers on wood or wet paints on other surfaces when Powder Coat is considered such a reliable high standard coating. We provide a 7 year standard warranty on Adhesion and Gloss factor on all of our <i>Aluma</i> range
Tough Impact resistant material	High traffic shutters are well suited to Commercial, Hospitality and public access installations. Our <i>Aluma</i> Series Shutters are available in Live Load, Human Impact and Cyclone rated versions. Our Aluminium Shutter designs look exactly the same as Cedar and Polywood profiles.
Fire Resistance	Choose Aluminium and Fire Rated ABS internal operating mechanisms to meet Fire Zone compliances.
Precision Engineered	We use only stainless Steel or High Strength polymer components to construct our shutters. No rust, no failure.
Easy to Clean & Maintain	Simply wash down with soapy water as you would to clean your car.

TECHNICAL INFORMATION:

Blade Contours

Blade Profile	Petite 45	Mondo 70	Classic 90	Euro 115
Frame Suite	Oceana O Pacifico P	Oceana O Pacifico P	Oceana O Pacifico P	Oceana O Pacifico P
Frame Dimensions	<u>Rails</u> O- 70 x 23mm 107 x 23mm P- 80 x28mm <u>Stiles</u> O- 60 x 28mm 90 x 28mm P- 53 x 36mm	<u>Rails</u> O- 70 x 23mm 107 x 23mm P- 80 x28mm <u>Stiles</u> O- 60 x 28mm 90 x 28mm P- 53 x 36mm	<u>Rails</u> O- 70 x 23mm 107 x 23mm P- 80 x28mm <u>Stiles</u> O- 60 x 28mm 90 x 28mm P- 53 x 36mm	<u>Rails</u> O- 70 x 23mm 107 x 23mm P- 80 x28mm <u>Stiles</u> O- 60 x 28mm 90 x 28mm P- 53 x 36mm
Blade Dimensions	45 x 8	70 x 10	90 x 12	115 x 14
Blade Projection	8.5mm	21mm	31mm	43.5mm
Blade Profile	Petite 45	Mondo 70	Classic 90	Euro 115

Blade Operation	350°	350°	350°	350°
Fixed Blades	Yes any angle	Yes any angle	Yes any angle	Yes any angle
Blade Grouping / Banks	Max 15 blades per bank	Max 12 blades per bank	Max 10 blades per bank	Max 8 blades per bank
Pitch of Blades / Centres	39mm	61mm	81mm	103mm
Opening Vista	31mm	51mm	69mm	89
Total Mass Kg/m²	9Kg/m ²	8Kg/m ²	10Kg/m ²	11Kg/m ²
Max. Panel Width	700mm	800mm	1000 mm	1200mm
Max. Panel Height	2400mm (Midrail required after 1800mm)	2400mm (Midrail required after 1800mm)	2400mm (Midrail required after 1800mm)	2400mm (Midrail required after 1800mm)
Colours & Finishes	White Satin Anotec Off White Custom Natural Anodized	White Satin Anotec Off White Custom Natural Anodized	White Satin Anotec Off White Custom Natural Anodized	White Satin Anotec Off White Custom Natural Anodized
Mullions				
ShutterGard (Security) Option	No	No	Yes	Yes
Cyclone Rated	No	No	Yes	Yes
Acoustics	60	60	60	60
Insulation	No	No	Yes EPS	Yes EPS
Motorization	Yes	Yes	Yes	Yes
Hinged	Yes	Yes	Yes	Yes
Sliding	Yes, Bottom or Top run systems	Yes, Bottom or Top run systems	Yes, Bottom or Top run systems	Yes, Bottom or Top run systems
Bi-folding	Yes	Yes	Yes	Yes
Drop Fixed	Yes 50/25 Channel	Yes 50/25 Channel	Yes 50/25 Channel	Yes 50/25 Channel
Wall Trim	Yes	Yes	Yes	Yes
Bracket Fixed	Yes	Yes	Yes	Yes
Sunhood T Welded Brackets	Yes	Yes	Yes	Yes
Sunhood Post Brackets	Yes	Yes	Yes	Yes
Roofing System	No	No	Yes	Yes
Triangular Shapes	Yes	Yes	Yes	Yes
Flat Packs	Yes	Yes	Yes	No
Combo shutter	No	Yes	Yes	Yes
Lock Options	Yes	Yes	Yes	Yes
Dominator	Yes	Yes	Yes	Yes

More Profiles

Blade Profile	METRO 150	Aero 200	Aero 300	Aero 450
Frame Suite	Oceana O Pacifico P or Marquis	Marquis	Marquis	Marquis
Frame Dimensions	<u>Rails</u> O- 70 x 23mm or 107 x 23mm P- 80 x 28mm <u>Stiles</u> O- 60 x 28mm or 90 x 28mm P- 53 x 36mm	<u>Rails</u> – 60 x 60mm <u>Stiles</u> – 60 x 60mm	<u>Rails</u> – 60 x 60mm <u>Stiles</u> – 60 x 60mm	<u>Rails</u> – 60 x 60mm <u>Stiles</u> – 60 x 60mm
Blade Dimensions	115 x 14	200 x 25	300 x 45	450 x 60
Blade Projection	43.5mm	70mm	120mm	195mm
Blade Operation	350°	350°	350°	350°

Fixed Blades	Yes any angle	Yes any angle	Yes any angle	Yes any angle
Blade Grouping	Max 10 blades per bank	Max 20 blades per bank	Max 12 blades per bank	Max 10 blades per bank
Blade Profile	METRO 150	Aero 200	Aero 300	Aero 450
Pitch of Blades / Centres	128mm	188mm	255mm	390mm
Opening Vista	110	164	210	330
Total Mass Kg/m²	18Kg/m ²	36Kg/m ²	41Kg/m ²	46Kg/m ²
Max. Panel Width	1800mm	3000mm	5000mm	5000mm
Max. Panel Height	2400mm (Midrail required after 1800mm)	2400mm (Midrail required after 1800mm)	2400mm (Midrail required after 1800mm)	2400mm (Midrail required after 1800mm)
Colours & Finishes	Custom Natural Anodized	Custom Natural Anodized	Custom Natural Anodized	Custom Natural Anodized
Mullions				
ShutterGard (Security) Option	Yes	Yes	Yes	Yes
Cyclone Rated	Yes	Yes	Yes	Yes
Acoustics		No	No	No
Insulation				
Motorization	Yes	Yes	Yes	Yes
Hinged	Yes	Yes	Yes	Yes
Sliding	Yes, Bottom or Top run systems	Custom	Custom	Custom
Bi-folding	Yes	Yes	Yes	Yes
Drop Fixed	No	No	No	No
Wall Trim	Yes	Yes	Yes	Yes
Bracket Fixed	Yes	Yes	Yes	Yes
Sunhood T Welded Brackets	Yes	Yes	Yes	Yes
Sunhood Post Brackets	Yes	Yes	Yes	Yes
Roofing System	Yes	Yes	Yes	Yes
Triangular Shapes	Yes	Yes	Yes	Yes
Flat Packs	Yes	Yes	Yes	Yes
Combo shutter	No	No	No	No
Lock Options	No	No	No	No
Dominator	Yes HD	Yes HD	Yes HD	Yes HD