

SAFETYLINE JALOUSIE



Safetyline Jalousie louver window systems are fully prefabricated and glazed, ready for easy installation.

Crafted from robust materials and equipped with weatherproofing, each system is designed to deliver peak performance, with unique features suited to diverse project requirements.

This comparison chart provides an at-a-glance view of essential features and performance metrics, helping you identify the optimal solution for your project needs.

Product		SJ Jalousie (Glass / Flat Aluminium Blades)	SJ Jalousie (Curved Aluminium Blades)	SJ Spacer	SJ Thermique	SJ Proteger
Profiles	Frame	63mm Aluminium Available in Hydro Reduxa and Circal 75 Aluminium	63mm Aluminium Available in Hydro Reduxa and Circal 75 Aluminium	125mm Thermally broken aluminium in Hydro Circal Recycled Aluminium	63mm Aluminium Available in Hydro Reduxa and Circal 75 Aluminium	63mm Aluminium Available in Hydro Reduxa and Circal 75 Aluminium
	Blade Holder	Aluminium bearer	Aluminium louver blades are one piece and cannot be removed	Thermally broken aluminium	Thermally broken PA66 Louvre bearer Adhesion paint prime finish	Aluminium bearer and aluminium end caps
	Finish	Powder coated Anodized (20 microns or 25 microns) DecoWood finish	Powder coated Anodized (20 microns or 25 microns) DecoWood finish	Powder coated Anodized (25 microns or 30 microns) DecoWood finish	Powder coated Anodized (20 microns or 25 microns) DecoWood finish	Powder coated Anodized (20 microns or 25 microns) DecoWood finish
Dimensions	Frame width	Up to 1400mm	Up to 1400mm	Up to 1500mm	Up to 1200mm	Up to 1400mm
	Frame height	Min 334mm up to 4144mm	Min 334mm up to 4144mm	Min 570mm up to 4076mm	Min 334mm up to 4144mm	Min 334mm up to 4144mm
	Louvre Blade Centre	135mm	135mm	235mm	135mm	135mm
	Frame depth	63mm	63mm	125mm	63mm	63mm
	Max opening angle	80 degrees	80 degrees	70 degrees	80 degrees	80 degrees
Glazing	Single glass	6mm toughened, 6.38mm and 6.5 laminated	-	8mm and 10mm toughened, 8.38mm, 10.38mm and 10.5mm laminated	6mm toughened, 6.38mm and 6.5 laminated	6mm toughened, 6.38mm and 6.5 laminated
	Vacuum (VIG)	6.2mm (3+0.2+3) thickness	-	8mm -10.5mm thickness	6.2mm (3+0.2+3) thickness	No
	Combination of glass and aluminium	Possible for single glass and aluminium blades only	Possible for single glass and aluminium blades only	Yes, using flat aluminium blade	No	Yes, using flat aluminium blade
Seals	Sealed on all 4 sides with Marine Grade EPDM seals on each horizontal transom and gaskets on the upright sections. Water drainage via bottom transom.	Sealed on all 4 sides with Marine Grade EPDM seals on each horizontal transom and gaskets on the upright sections. Water drainage via bottom transom.	Silicone gaskets	Sealed on all 4 sides with Marine Grade EPDM seals on each horizontal transom and gaskets on the upright sections. Water drainage via bottom transom.	Sealed on all 4 sides with Marine Grade EPDM seals on each horizontal transom and gaskets on the upright sections. Water drainage via bottom transom.	Sealed on all 4 sides with co-extruded flame retardant TPE rubber seals on each horizontal transom and gaskets on the upright sections.
Screens	Fitted Internally with Mesh Options: Fibreglass Aluminium Stainless steel or; Security Mesh	Fitted Internally with Mesh Options: Fibreglass Aluminium Stainless steel or; Security Mesh	Fitted Internally with Mesh Options: Fibreglass Aluminium Stainless steel or; Security Mesh	Fitted Internally with Mesh Options: Fibreglass Aluminium Stainless steel or; Security Mesh	Fitted Internally with Mesh Options: Fibreglass Aluminium Stainless steel or; Security Mesh	Fitted Internally with Mesh Options: Aluminium Stainless steel or; Security Mesh
Operation	Manual; Cam driven lever, turnhandle or detachable winder for high level louvres Motor 24V DC Actuator Control; Can be integrated with BMS / climate control systems	Manual; Cam driven lever, turnhandle or detachable winder for high level louvres Motor 24V DC Actuator Control; Can be integrated with BMS / climate control, fire and smoke systems	Manual; Winder Handle Motor 24V DC Actuator Control; Can be integrated with BMS, climate control, fire and smoke systems	Manual; Cam driven lever, turnhandle or detachable winder for high level louvres Motor 24V DC Actuator Control; Can be integrated with BMS / climate control systems	Manual; Cam driven lever, turnhandle or detachable winder for high level louvres Motor 24V DC Actuator Control; Can be integrated with climate control, fire and smoke systems	
Performance	AS2047:2014	(ULS) – up to 9525pa (SLS) – up to 4000Pa Water – up to 800Pa Air Infiltration - 0.12 L/s m ²	(ULS) – up to 6500pa (SLS) – up to 1600Pa Water – up to 350Pa Air Infiltration - 0.16L/Sqm/S	(ULS) – up to 6000pa (SLS) – up to 2000Pa Water – up to 450Pa (Static), 1200Pa (Cyclic) Air Infiltration - 0.03L/Sqm/S	(ULS) – up to 9525pa (SLS) – up to 4000Pa Water – up to 800Pa Air Infiltration - 0.12 L/s m ²	(ULS) – up to 9525pa (SLS) – up to 4000Pa Water – up to 800Pa Air Infiltration - 0.12 L/s m ²
	Acoustic	RW33 - Glass 6.38mm laminated blades RW33 - Glass 6mm toughened blades RW35 - Glass 6.5mm Vlam Hush blades	RW24 - Aluminium blades	RW34 - Glass 8.38mm Clear Laminated Glass RW36 - 9.2mm Spacia Vacuum Glass RW37 - 8.5mm Vlam Hush Glass	RW33 - Glass 6.38mm laminated blades RW33 - Glass 6mm toughened blades RW35 - Glass 6.5mm Vlam Hush blades	RW33 - Glass 6.38mm laminated blades RW33 - Glass 6mm toughened blades RW35 - Glass 6.5mm Vlam Hush blades
	Thermal	Uw ≤ 4.0 W/m ² K, with vacuum insulated glass Uw ≤ 5.4 W/m ² K, with 6.38mm ComfortPlus clear laminated	-	Uw ≤ 2.5 W/m ² K, with 8.5mm vacuum insulated glass Uw ≤ 3.4 W/m ² K, with 8.38mm Comfortplus clear laminated	Uw ≤ 3.4 W/m ² K, with vacuum insulated glass Uw ≤ 4.4 W/m ² K, with 6.38mm Comfortplus Clear laminated	Uw ≤ 5.4 W/m ² K, with 6.38mm ComfortPlus clear laminated