

Louvre Window Comparison

Safetyline Jalousie v Conventional Glass on Glass

| | ◆ Safetyline Jalousie Louvre Windows | ◆◆ Conventional Glass on Glass Louvre Windows |
|-------------------------------------------------------------------------------------------|--------------------------------------|-----------------------------------------------|
| Manual & Motorised Operation | Yes | Yes |
| Maximum Ultimate Limit State | ◆ 9,525pa | 6,000pa |
| Maximum Serviceability State | 4,000pa | 2,500pa |
| Maximum Water Penetration | ◆ 800pa | 450pa |
| Maximum Acoustic Rating | ◆ 35Rw | 27Rw |
| Air Infiltration | ◆ 0.25 L/s sqm at 75pa | 1.5 L/s sqm at 75pa |
| Impact Load Weight | ◆ 550kg | 180kg |
| Maximum Single Window Span | 1,400mm | ◆◆◆ 1,000mm |
| Balustrade Compliant | Yes | No |
| Fall Prevention Compliant | Yes | ◆◆◆ No |
| Can use any commercially available glass – including safety glass/laminates/acoustic/lowE | Yes | No |
| Able to Used Full Height for Windows on Wintergardens, Balconies & High Rise | Yes | ◆◆◆ No/Yes |
| Windborne Debris Tested to Type B (Cyclones) | Yes | No |
| Internal Flyscreens within Window Frame | Yes | ◆◆◆ No/Yes |
| Ability to 'fix' Louvre Blades Open to Customisable Angles | Yes | Not published |
| Failsafe for Fire & Smoke | Yes | No |
| Delivered Pre-assembled | Yes | No |
| Average Installation Time | 15mins | Not published |

- ◆ All Safetyline Jalousie ratings are based on the maximum louvre span width of 1,400mm
- ◆◆ All based on averaged available data
- ◆◆◆ Only some Glass on Glass Louvre Windows do provide

IMPORTANT – The Glass on Glass ratings are indicative of the general market based on known data but not intended to represent ratings of any particular manufacturer or supplier. Please check with your current louvre supplier for their comprehensive performance data and supporting test results.

So what do all these numbers mean?

It means that in many situations you can confidently specify Safetyline Jalousie louvre windows and comply with current building codes and other requirements.

Wind and Water - With performance ratings this high there is basically no building in Australia, from single level to 100 levels, where Safetyline Jalousie louvres cannot be used.

Acoustics - Our acoustic ratings allow Safetyline Jalousie louvre windows to be used under flight paths, projects on main roads and backing onto train lines.

Air Infiltration - Safetyline Jalousie's unique sealing system is comparable to a fixed pane window, allowing them to be used in Hospitals, Aged Care facilities, Child Care projects and anywhere there is a risk of airborne disease infection through window air leakage.

Balustrade / Fall Prevention / Impact Load Weight - Being fully compliant with all of these codes means you can use Safetyline Jalousie louvre windows at full heights on any project, including high rise.

Safety and Security (Glass and Impact Load Weight) - Ability to use laminate glass and each blade sealed on 3 sides means there is no risk of glass falling or shards upon breakage, protect your occupants and the public below.

Prefabricated in Safetyline Jalousie Factory - Delivered fully framed, fully glazed, assembled and frame finished with your powder coat or anodised colour dramatically reduces your install time on site and saves you money.

