

Product Performance Warranty

Altair® Louvres are designed to exceed the requirements of NZS 4211-2008 "Windows in Buildings".

The following table outlines the maximum variations that Breezway® will warrant per Rating Category. Exceeding these constraints will void this Warranty. The limitations have been generated through NATA test results. The design constraints below apply to Altair Louvre Components used in New Zealand manufacturer's framing systems.

For commercial applications, please consult Breezway with your specific project requirements, so we can correctly apply the relevant performance warranty constraints.

A window manufacturer will be able to label its Altair Louvre Window products to comply with NZS 4211 when assembling Altair Louvres to Breezway procedures and operating within the following performance warranty constraints.

	Medium Wind Zone		High Wind Zone		Very High Wind Zone		Extra High Wind Zone	
	960Pa ULS 680Pa SLS 204Pa Water Pass		1360Pa ULS 970Pa SLS 291Pa Water Pass		1760Pa ULS 1250Pa SLS 375Pa Water Pass		2130Pa ULS 1515Pa SLS 455Pa Water Pass	
	Max Span (mm)	Max Height	Max Span (mm)	Max Height	Max Span (mm)	Max Height	Max Span (mm)	Max Height
152mm Altair® Louvre								
152mm glass ¹ blade (toughened & annealed)	900	21 blades	700	17 blades	550 ²	15 blades ²	500 ²	9 blades ²
152mm aluminium blade	600	17 blades	450	17 blades	-	-	-	-
152mm Western Red Cedar timber blade	600	17 blades	450	17 blades	-	-	-	-
102mm Altair® Louvre								
102mm glass ¹ blade (toughened & annealed)	750	33 blades	700	27 blades	-	-	-	-
102mm aluminium blade	600	27 blades	450	27 blades	-	-	-	-
102mm Western Red Cedar timber blade	600	27 blades	450	27 blades	-	-	-	-

Notes:

- The Product Performance Warranty only applies to Altair Gallery sets without screw holes.
- Altair Weatherstrips must be used.
- Allowable length of blades have been calculated using ASI288.

1. Glass must be straight and flat within +/- 0.35 mm/m.
2. High upstand Altair Weatherstrip required.