

Product Performance Warranty: Altair® Dualair™ Secondary Glazed Louvre Component System

Altair® Louvres are designed to meet and exceed the requirements of AS2047-2014 "Windows in Buildings".

The following table outlines the maximum variations that Breezway will warrant for Ultimate Limit State Wind Pressure and Water Penetration Resistance as per AS2047-2014 "Windows in Buildings". Exceeding these constraints will void this Warranty. The limitations have been generated through NATA test results.

Window fabricators installing the Altair Dualair Component System within a window frame will be able to label their window as compliant with AS2047-2014 when:

- The limitations of this Product Performance Warranty are complied with.
- The complete Dualair Component System is used.
- The Dualair Component System is installed to Breezway procedures.

Window fabricators installing the Dualair Component System within a window frame assume responsibility for:

- The performance and fixings of the frame, mullions and transoms.

	2000 Pa ULS 550 Pa Water Pass		3400 Pa ULS 600 Pa Water Pass		6000 Pa ULS 620 Pa Water Pass	
	Max Blade Length	Max Height	Max Blade Length	Max Height	Max Blade Length	Max Height
Altair Dualair Secondary Glazed 152mm Louvre System without the Stronghold System						
Toughened glass ¹ (inside) & toughened glass ¹ (outside)	NA	NA	900	18 blade	736	18 blade
Toughened glass ¹ (inside) & aluminium blade (outside)	NA	NA	900	18 blade	-	-
Altair Dualair Secondary Glazed 152mm Louvre System with the Stronghold System						
Toughened glass ¹ (inside) & toughened glass ¹ (outside)	1127 ³	18 blade	900	18 blade	736	18 blade
Toughened glass ¹ (inside) & aluminium blade (outside)	1127 ³	18 blade	900	18 blade	-	-

Notes:
1. Glass blade size and flatness

Glass blades must be 6.0mm ±0.1mm thick and must be straight and flat within 0.3mm/m. Glass blades must be 152.00mm ±0.6mm high.

2. Frame Performance Warranty

The Product Performance Warranty detailed above only relates to the Altair Dualair Secondary Glazed Louvre Component System, the product performance limitations of the framing into which the Dualair Component System is installed should also be considered.

3. Using the Stronghold System for blade lengths greater than 900mm

The Stronghold System is an optional feature of the Altair Louvre Window which mechanically fixes the blades into the clips. These mechanical fixings enable blade lengths of up to 1127mm to be achieved in some situations. In other situations, the ULS and Water Pass requirements of AS2047-2014 prevent these wider bay widths from being warranted.