Product Performance Warranty for ios™ Window Systems (Available in Philippines Only)

The following table outlines the maximum variations that Breezway will warrant per wind pressure. Exceeding these constraints will void this Warranty.

The limitations have been generated through Australian Standard AS2047 test results generated in a National Association of Testing Authorities (NATA) approved testing laboratory and over 60 years of experience manufacturing louvre windows.

The design constraints below only apply to product sold as a fully assembled Louvre Window System with Altair® Aluminium Blades, Altair Timber Blades or glass blades to Breezway's specifications that is maintained according to the Breezway "Louvre Care and Maintenance" instructions.

For commercial applications, please consult Breezway with your specific project requirements.

	Wind Speed		Wind Speed		Wind Speed	
	Design[1]	Ultimate[2]	Design[1]	Ultimate[2]	Design[1]	Ultimate[2]
	1000Pa 41m/sec 146km/h 91mph	1500Pa 50m/sec 180km/h 111mph	1500Pa 50m/sec 180km/h 111mph	2300Pa 61m/sec 222km/h 138mph	2200Pa 60m/sec 218km/h 135mph	3000Pa 70m/sec 254 km/h 158mph
	200Pa Water Pass		200Pa Water Pass		300Pa Water Pass	
	Max Blade Length[3]	Max Window Height	Max Blade Length[3]	Max Window Height	Max Blade Length[3]	Max Window Height
ios Louvre Window System Single Bay						
152mm Altair Louvre	900	3031	750	3031	600	2471
ios Louvre Window System Multiple Bays (maximum bay widths as per single bay windows)						
ios Mullion	–	3061	–	3061	–	2521
ios Louvre Window System Multiple Windows (coupled head-to-sill)*						
ios Coupler	–	3061	–	3061	–	2521

*For jamb-to-jamb coupling please consult Breezway.

1. Design Wind Speed = Serviceability Limit State Wind Pressure / Design Wind Pressure / Permissible Stress. The ability of the window to perform the intended function under normal service conditions avoiding excessive deflection or the appearance of buckling.

2. Ultimate Wind Speed = Ultimate Limit State Wind Pressure / Ultimate Strength Pressure. The maximum load carrying resistance of the window. Subjecting the window to wind pressures in excess of the Ultimate Wind Speed is likely to result in the window collapsing.

3. Maximum blade lengths apply regardless of whether annealed glass, toughened glass, aluminium or timber blades are used. Glass blades must be 6mm thick and straight and flat within 0.35mm/m.