

DURABILITY TEST RESULTS

PROTECTA Z3

Committed to quality, innovation, performance and durability Uniline always stand by our products and the PROTECTA Z3 Side Channel System is no different.

Aiming for the highest standard of performance in the market, Uniline had the Z3 Side Channel System independently wind tested by one of the finest Universities in Australia, James Cook University. The Z3 Side Channel System was tested in the test facilities of the Cyclone Testing Station in Townsville, Queensland and put through a number of rigorous wind tests, highlighted in the test report below.

Further to this the Z3 Side Channel System was put through more rigorous durability testing in our in-house testing facility. A weight load test of over 1700kg was performed to test the strength and durability of the awning under severe load situations.

The results were outstanding and Uniline are proud to report that the Z3 Side Channel System, with a covered fabric and unrestrained, was able to withstand one minute wind gusts of up to 77m/s or 277km/h, which is a wind pressure of over 4000 Pascals, a phenomenal result.

Note: there is no Australian wind rated test for window coverings and awning systems.



Tested to withstand
ONE MINUTE WIND
GUSTS UP TO 277 KM/H*




1700KG LOAD TEST
EQUAL TO THE WEIGHT OF A:
PORSCHE 918 SPYDER

1 MINUTE WIND GUSTS UP TO
77m/s or 277km/h



WIND PRESSURE
4000 Pascals

	Trial No.	Mesh	Bottom Bar Restraint	Side Channel Restraint	Maximum Test Pressure held for 1 minute (kPa)	Nominal Limit State Design Wind Pressure for Non-Cyclonic Regions (kPa)	Equivalent gust Wind Velocity Derived from Designed Pressure (m/s)
Independently Tested	SS1a	Covered	Nil	Nil	0.41	0.27	77
	SS1b	Covered	Centre	Nil	1.06	0.71	124
	SS1c	Covered	Fully	Fully	1.50	1.00	147

*Disclaimer and Indemnity.

Please note, these wind tests were performed in a controlled laboratory environment to test the strength and durability of the Z3 Side Channel System under wind loads and is not reflective of an uncontrolled real life, high wind/weather or storm environment. Uniline cannot therefore accept responsibility if a Z3 Side Channel System sustains damage relating to, or resulting from, accidents, alterations, discoloration or fading over time, misuse, abuse, normal wear and tear, removal and/or reinstallation, failure to follow the installation or use instructions of Uniline, or force majeure including, without limitation, storm, fire, floods, cyclone's, standing water, explosions, earthquakes, vandalism, riots, acts of war, pollutants, acts of God or other occurrences beyond the control of Uniline. Similarly installations subject to salt spray or marine influences, severe industrial or corrosive environments or internal situations subject to moisture laden air. Also excluded are shipping charges and costs for removing, disassembling, reassembling and reinstalling the materials or components.

You shall indemnify and hold unaccountable Uniline, its agents, suppliers, distributors, sub-distributors, successors or assigns, and their respective directors, officers, shareholders and employees (each an indemnified party), from and against any and all damages, liabilities, costs, losses and expenses (including reasonable legal costs and fees) arising from or related to any claim, demand, complaint or action by a third party which an indemnified party may suffer or incur in connection with your business activities (including without limitation your performance of partner services, your failure to comply with the provisions hereof (including any failure to perform partner services in accordance with our then-current policies and procedures), or your negligence or wilful misconduct.