

# BLOCKOUT STORMS



## STORM RESISTANCE CHARACTERISTICS OF A BLOCKOUT SHUTTER



As the global environment grows increasingly unsettled, the incidence of extreme weather conditions is on the rise. The damage wrought by severe winds and heavy rain is only worsened by window breakages. Heavy rain pouring in through a broken window can destroy curtains, floor coverings and furniture, while strong winds can create further devastation to furnishings and valuables.

Blockout Roller Shutters can protect your windows and glass openings from these extreme weather conditions, including:

- Flying debris
- Hail
- Strong winds
- Tropical cyclones.

During cyclones, wind pressure alone is enough to shatter windows. Once this has happened, the rush of wind entering through broken windows quickly gathers enough pressure to blow the roof off the structure, often causing walls to collapse. Homeowners, architects and builders living and working in areas where cyclones are common are well aware of the costs involved in constructing a cyclone-proof house. Most are built on the assumption

that windows will shatter; therefore, walls and roofing are structurally reinforced in anticipation of the subsequent build up of air pressure inside the house.

Blockout Shutters will prevent windows shattering under the force of the wind, a guarantee that amounts to significant savings on the price of construction. Tests conducted by Schlegal Pty Ltd, a laboratory registered with the National Association of Testing Authorities, indicate that all Blockout Shutters are capable of withstanding winds of more than 205km per hour. The strongest shutters in the Blockout range will tolerate winds up to 250km per hour.

Structures can also be damaged by water penetrating through drainage holes at the base of the window. Further tests by Schlegal showed that Blockout Shutters dramatically reduce the amount of water reaching the window, even in the most extreme weather conditions. As a result, the shutter can improve the window's performance against water penetration by up to six times, thus transforming a standard window into one with levels of wind and water resistance comparable to those of a purpose-built, cyclone-proof window.



**BLOCKOUT**