

Severe weather events such as hurricanes, cyclones, typhoons and tornados are capable of producing dam aging windborne debris.

4 Hurricane Glazing • Guidelines

Hurricane window system design guidelines

Hurricane testing is conducted on the whole system, which must pass both impact testing as well as positive and negative cyclic load testing.

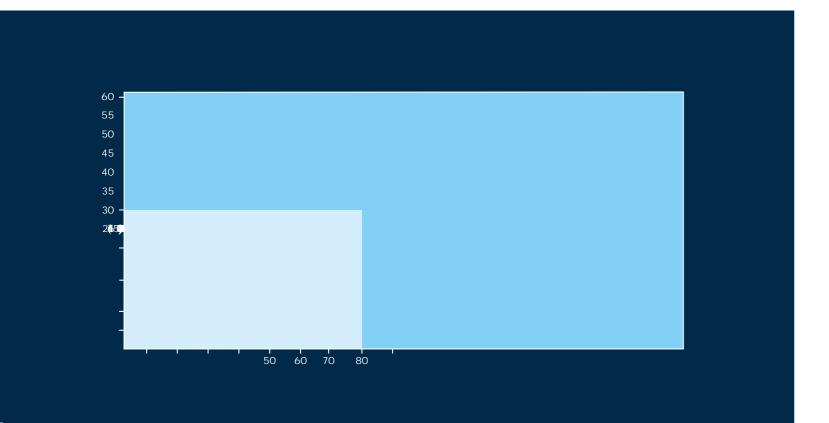
KEY FACTORS TO CONSIDER WHEN DESIGNING A SYSTEM

- Understand the local and international building code requirements for hurricane impact glazing
- The relevant test standards for hurricane impact resistant glazing
- Establish the wind zone and level of protection that will be required according to ASTM E1996 or TAS 201/203
- Whether the location and size of the building requires protection from small or large missile or both
- Consider the whole fenestration system including frame, attachments and glazing method not just the glass infill
- Type of glazing system: wet or dry

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10 / • Further information & projects



