

4403 Design

4403.1 Loads:

Rigid awnings, rigid sun shades, canopies, canopy shutters and screened enclosures shall be designed to resist the loads set forth in Chapter 23 herein except that structures or parts thereof which are intended to be removed or repositioned during periods of high wind velocity shall be designed in their open or extended position to resist at grade velocity pressures not less than that based on 75 MPH wind with applicable shape factors and to resist not less than 15 pounds per square foot roof live load. Where such structure is intended to be folded or otherwise repositioned to close an opening when the building is unattended or act as a storm shutter the design in the closed position shall also comply with Chapter 23 and Chapter 35 of this Code. Utility sheds at grade shall be designed to resist a wind load of not less than 15 pounds per square foot on the structure and resist not less than 15 pounds per square foot roof live load.