

(ADD) Table 1604.3 Deflections Screen surfaces shall be permitted to include a maximum of 25% solid flexible finishes.

(ADD) 1609.1.2 Exceptions:

10. Wind loads for screened enclosures shall be determined in accordance with Section 2002.4.

2002.4 Loads. Structural members supporting screened enclosures shall be designed for wind in either of two orthogonal directions using the pressures given in Table 2002.4. Each primary member shall also be designed for a 300 lb (1.33 kN) load applied vertically downward along any 1 ft (0.3 m) of any member, not occurring simultaneously with wind load.

ADD 2003.4 definitions to 2002 (Primary and Secondary Member definitions)

PRIMARY MEMBER. Structural framing members providing structural support to other members and/or surfaces of a structure including, but not limited to beams, posts, columns, purlins, joists, structural gutters, headers, etc.

SECONDARY MEMBERS. Structural framing members which do not provide basic support for the entire structure, generally including, but not limited to, such members as purlins, kickplate rails, chair rails, roof or wall panels, etc.

**TABLE 2002.4
DESIGN WIND PRESSURES FOR SCREENED ENCLOSURES**

Surface	Basic Wind Speed (mph)											
	100		110		120		130		140		150	
Surface	Exposure Category Design Pressure, psf											
	B	C	B	C	B	C	B	C	B	C	B	C
Horizontal Pressures on Windward Surfaces	12	17	13	18	15	21	18	25	21	29	24	33
Horizontal Pressures on Leeward Surfaces	9	13	10	14	13	17	14	19	15	23	18	27
Vertical Pressures on Screen Surfaces	3	5	4	5	4	6	5	7	6	8	7	9
Vertical Pressures on Solid Surfaces	10	14	11	15	13	18	15	21	17	24	20	28

Table Notes:

1. Pressures include importance factors determined in accordance with Table 1604.5.
2. Pressures apply to enclosures with a mean enclosure roof height of 30 ft (10 m) or less. For other heights, multiply the pressures in this table by the factors in Table 2002.4A.
3. Apply horizontal pressures to the area of the enclosure projected on a vertical plane normal to the assumed wind direction, simultaneously inward on the windward side and outward on the leeward side.
4. Apply vertical pressures upward and downward to the area of the enclosure projected on a horizontal plane.
5. Apply horizontal pressures simultaneously with vertical pressures.
6. Table pressures are MWFRS Loads. The design of solid roof panels and their attachments shall be based on component and cladding loads for enclosed or partially enclosed structures as appropriate.
7. Table pressures apply for all screen densities up to 20X20X.013" mesh, for greater densities use pressures for enclosed buildings.
8. Table pressures may be interpolated using ASCE7 methodology.