



DSA Structural Amendments under review are highlighted in GRAY

Template 22-13

2001 CBC - Chapter 22A
STEEL

Section - 2219A - GENERAL

Subsection(s) - 2219A

1 Steel stud wall systems in which shear panels are used to resist lat-
2 eral loads produced by wind or earthquake shall comply with the
3 requirements of this section. The nominal shear value used to
4 establish the allowable shear value or design shear value shall not
5 exceed the values set forth in Table 22A-VIII-A * * * for wind
6 loads or Table 22A-VIII-C for seismic loads. The allowable shear
7 value (ASD) or design *shear* value (LRFD) shall be determined
8 using the *f* or *W* factors as set forth in Section 2219A.3.

9
10 All boundary members and connections thereto shall be propor-
11 tioned to transmit the induced forces. Framing members shall be
12 of a minimum size, shape and of a minimum specified yield stress
13 as listed in Table 22A-VIII-A * * * or 22A-VIII-C. Fasteners
14 between framing members and between the panels and the fram-
15 ing members shall be as specified in Table 22A-VIII-A * * * or
16 22A-VIII-C. Fasteners along the edges in shear panels shall be
17 placed not less than 3/8 inch (9.5 mm) in from panel edges. Screws
18 shall be of sufficient length to ensure penetration into the steel stud
19 by at least two full diameter threads.

20
21 Panel thickness shown in Table 22A-VIII-A * * * shall be
22 considered as minimum.

23
24 No panels less than 12 inches (305 mm) wide shall be used. All
25 panel edges shall be fully blocked. Where horizontal strap block-
26 ing is used, it shall be a minimum 1-1/2 inches (38mm) wide and of
27 the same material and thickness as the track and studs. Studs shall
28 be doubled (back to back) at shear wall ends.

29
30 The height to length ratio of wall systems listed in Tables
31 22A-VIII-A * * * and 22A-VIII-C shall not exceed 2:1.