



DSA Structural Amendments under review are highlighted in GRAY

Template 14-06

2001 CBC - Chapter 14A
EXTERIOR WALL COVERINGS

Section - 1403A - VENEER

Subsection(s) - 1403A.6.4.4 - 1403A.6.4.5

1403A.6 Anchored Veneer

••••

1 **1403A.6.4.4 Slab-type units [2 inches (51 mm) maximum in**
2 **thickness].** *All veneer units of marble, travertine, granite or oth-*
3 *er stone units of slab form shall be 2 inches (51 mm) maximum in*
4 *thickness and 1-1/4 inches (32 mm) in minimum thickness for exteri-*
5 *or and 3/4 inch (19 mm) minimum thickness for interior use and*
6 *shall be set a minimum of 1 inch (25 mm) clear of the backing, and*
7 *the space shall be solidly filled with fine grout or each piece shall*
8 *be set rigidly against spot bedding pads. Spot bedding pads shall*
9 *be of cement mortar not less than 6 inches (152 mm) in diameter*
10 *and shall be located at each anchor tie and over the back face of*
11 *the veneer at a maximum spacing of 18 inches (457 mm) on center.*
12 *The spot bedding at ties shall entirely surround the ties.*

13
14 *Ties shall engage drilled eyes of corrosion-resistant metal dow-*
15 *els of 1/8-inch (3.2 mm) diameter or more penetrating at least*
16 *1/2 inch (13 mm) into the edge of the veneer located in the middle*
17 *third of the edge of the units spaced a maximum of 18 inches (457*
18 *mm) apart around the periphery of each unit with not less than*
19 *four ties per veneer unit. Units shall not exceed 20 square feet*
20 *(1.9 m²) in area.*

21
22 If the dowels are not tightfitting, the holes may be drilled not
23 more than 1/16 inch (1.6 mm) larger in diameter than the dowel
24 with the hole countersunk to a diameter and depth equal to twice
25 the diameter of the dowel in order to provide a tightfitting key of
26 cement mortar at the dowel locations when the mortar in the joint
27 has set.

28 All veneer ties shall be corrosion-resistant metal capable of re-
29 sisting in tension or compression a force equal to two times the
30 weight of the attached veneer.

31
32 If made of sheet metal, veneer ties shall *have a minimum size of*
33 *No. 16 gage* by 1 inch (25 mm) or, if made of wire, not smaller in
34 diameter than 0.148-inch (3.76 mm) (No. 9 B.W. gage) wire.

35

36 *Anchored products which do not comply with these require-*
37 *ments shall be submitted to the enforcement agency for evaluation*
38 *and approval.*

39
40 **1403A.6.4.5** *Unit size limitations. The thickness of anchored unit*
41 *masonry and stone veneer, including grout, shall not be less than*
42 *3 inches (76 mm).*