

# REVISION RECORD FOR THE STATE OF CALIFORNIA

## ERRATA

April 8, 2005

2001 Title 24, Part 2, California Building Code

Errata to the November 22, 2004 Emergency Supplement

**PLEASE NOTE: The date of this Errata is for identification purposes only.  
See the History Note Appendix for the adoption and effective dates of the provisions.**

It is suggested that the section number as well as the page number be checked when inserting this material and removing the superseded material. In case of doubt, rely on the section numbers rather than the page numbers because the section numbers must run consecutively.

It is further suggested that the superseded material be retained with this revision record sheet so that the prior wording of any section can be easily ascertained.

Please keep the removed pages with this revision page for future reference.

### NOTE

**Due to the fact that the application date for a building permit establishes the California Building Standards code provisions that are effective at the local level, which apply to the plans, specifications, and construction for that permit, it is strongly recommended that the removed pages be retained for historical reference.**

### VOLUME 1

#### Remove Existing Pages

1-50.12A and 1-50.12B  
1-91 and 1-92  
1-449 and 1-450

#### Insert Buff Pages

1-50.12A and 1-50.12B  
1-91 and 1-92  
1-449 and 1-450



out the facility at a minimum level of 15 db above ambient noise level. These devices need not be interconnected to any other fire alarm device, have a control panel, or be electrically supervised or provided with emergency power.

**415A.8 Interior Finish.** In all facilities housing a bedridden client, the interior finishes shall be in accordance with Table 8-B.

**415A.9 Request for Alternate Means of Protection.** Request for alternate means of protection shall apply to Sections 415A.1 through 415A.9. Request for approval to use an alternative material, assembly or materials, equipment, method of construction, method of installation of equipment, or means of protection shall be made in writing to the local fire authority having jurisdiction by the facility, client or the client's authorized representative. Sufficient evidence shall be submitted to substantiate the need for an alternate means of protection.

The facility, client or the client's representative or the local fire authority having jurisdiction may request a written opinion from the State Fire Marshal concerning the interpretation of the regulations promulgated by the State Fire Marshal for a particular factual dispute. The State Fire Marshal shall issue the written opinion within 45 days following the request.

Approval of a request for use of an alternative material, assembly or materials, equipment, method of construction, method of installation of equipment, or means of protection made pursuant to this section shall be limited to Group R, Divisions 2.1.1 and 2.2.1 Occupancies housing a bedridden client.

Approvals made by the local fire authority having jurisdiction and the written opinion by the State Fire Marshal shall be applicable only to the requesting facility and shall not be construed as establishing any precedent for any future request by the facility or any other facility.

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## Chapter 8 INTERIOR FINISHES

### SECTION 801 — GENERAL

**801.1 Scope.** Interior wall and ceiling finish shall mean the exposed interior surfaces of buildings including, but not limited to, fixed or movable walls and partitions, interior wainscoting, paneling or other finish applied structurally or for decoration, acoustical correction, surface insulation, sanitation, structural fire resistance or similar purposes. Requirements for finishes in this chapter shall not apply to trim defined as picture molds, chair rails, baseboards and handrails; or to doors and windows or their frames; or to materials that are less than  $\frac{1}{28}$  inch (0.9 mm) in thickness applied directly to the surface of walls or ceilings.

Foam plastics shall not be used as interior finish except as provided in Section 2602. For foam plastic trim, see Section 601.5.5.

See Section 1403 for veneer.

**801.2 Standards of Quality.** The standards listed below labeled a "UBC standard" are also listed in Chapter 35, Part II, and are part of this code.

1. UBC Standard 8-1, Test Method for Surface-burning Characteristics of Building Materials
2. UBC Standard 8-2, Standard Test Method for Evaluating Room Fire Growth Contribution of Textile Wall Covering

**801.3 Veneer.** Veneers shall comply with Section 1403.

### SECTION 802 — TESTING AND CLASSIFICATION OF MATERIALS

**802.1 Testing.** Tests shall be made by an approved testing agency to establish surface-burning characteristics and to show that materials when cemented or otherwise fastened in place will not readily become detached when subjected to room temperatures of 300°F (149°C) for 25 minutes. Surface-burning characteristics shall be determined by one of the following methods:

1. The surface-burning characteristics as set forth in UBC Standard 8-1.
2. Any other recognized method of test procedure for determining the surface-burning characteristics of finish materials that will give comparable results to those specified in method Item 1.
3. The room fire growth contribution for textile wall coverings as set forth in UBC Standard 8-2.

**802.2 Classification.** The classes of materials based on their flame-spread index shall be as set forth in Table 8-A. The smoke density shall be no greater than 450 when tested in accordance with UBC Standard 8-1 in the way intended for use.

### SECTION 803 — APPLICATION OF CONTROLLED INTERIOR FINISH

Interior finish materials applied to walls and ceilings shall be tested as specified in Section 802 and regulated for purposes of limiting surface-burning by the following provisions:

1. When walls and ceilings are required by any provision in this code to be of fire-resistive or noncombustible construction, the finish material shall be applied directly against such fire-resistive or noncombustible construction or to furring strips not exceeding

$1\frac{3}{4}$  inches (44 mm) applied directly against such surfaces. The intervening spaces between such furring strips shall be filled with inorganic or Class I material or shall be fire blocked not to exceed 8 feet (2438 mm) in any direction. See Section 708 for fireblocking.

2. Where walls and ceilings are required to be of fire-resistive or noncombustible construction and walls are set out or ceilings are dropped distances greater than specified in Item 1 of this section, Class I finish materials shall be used except where the finish materials are protected on both sides by automatic sprinkler systems or are attached to a noncombustible backing or to furring strips installed as specified in Item 1. The hangers and assembly members of such dropped ceilings that are below the main ceiling line shall be of noncombustible materials except that in Types III and V construction, fire-retardant-treated wood may be used. The construction of each set-out wall shall be of fire-resistive construction as required elsewhere in this code. See Section 708 for fire blocks and draft stops.

3. Wall and ceiling finish materials of all classes as permitted in this chapter may be installed directly against the wood decking or planking of Type IV heavy-timber construction, or to wood furring strips applied directly to the wood decking or planking installed and fire blocked as specified in Item 1.

4. An interior wall or ceiling finish that is less than  $\frac{1}{4}$  inch (6.4 mm) thick shall be applied directly against a noncombustible backing.

**EXCEPTIONS:** 1. Class I materials.

2. Materials where the qualifying tests were made with the material suspended or furred out from the noncombustible backing.

### SECTION 804 — MAXIMUM ALLOWABLE FLAME SPREAD

**804.1 General.** The maximum flame-spread class of finish materials used on interior walls and ceilings shall not exceed that set forth in Table 8-B.

**EXCEPTIONS:** 1. Except in Group I Occupancies and in enclosed vertical exits, Class III may be used in other means of egress and rooms as wainscoting extending not more than 48 inches (1219 mm) above the floor and for tack and bulletin boards covering not more than 5 percent of the gross wall area of the room.

2. When a sprinkler system complying with UBC Standard 9-1 or 9-3 is provided, the flame-spread classification rating may be reduced one classification, but in no case shall materials having a classification greater than Class III be used.

3. The exposed faces of Type IV-H.T., structural members, and Type IV-H.T., decking and planking, where otherwise permissible under this code, are excluded from flame-spread requirements.

**804.2 Carpeting on Ceilings.** When used as interior ceiling finish, carpeting and similar materials having a napped, tufted, looped or similar surface shall have a Class I flame spread.

### SECTION 805 — TEXTILE WALL COVERINGS

When used as interior wall finish, textile wall coverings, including materials such as those having a napped, tufted, looped, nonwoven, woven or similar surface shall comply with the following:

1. Textile wall coverings shall have a Class I flame spread and shall be protected by automatic sprinklers complying with UBC Standard 9-1 or 9-3, or

2. The textile wall covering shall meet the acceptance criteria of UBC Standard 8-2 when tested using a product mounting system, including adhesive, representative of actual use.

**SECTION 806 — INSULATION**

Thermal and acoustical insulation installed on walls or ceilings shall comply with Section 707.

**SECTION 807 — SANITATION**

**807.1 Floors and Walls in Water Closet Compartment and Showers.**

**807.1.1 Floors.** In other than dwelling units, toilet room floors shall have a smooth, hard nonabsorbent surface such as portland cement, concrete, ceramic tile or other approved material that extends upward onto the walls at least 5 inches (127 mm).

**807.1.2 Walls.** Walls within 2 feet (610 mm) of the front and sides of urinals and water closets shall have a smooth, hard non-absorbent surface of portland cement, concrete, ceramic tile or other smooth, hard nonabsorbent surface to a height of 4 feet

(1219 mm), and except for structural elements, the materials used in such walls shall be of a type that is not adversely affected by moisture. See Section 2512 for other limitations.

**EXCEPTIONS:** 1. Dwelling units and guest rooms.

2. Toilet rooms that are not accessible to the public and that have not more than one water closet.

In all occupancies, accessories such as grab bars, towel bars, paper dispensers and soap dishes, provided on or within walls, shall be installed and sealed to protect structural elements from moisture.

**807.1.3 Showers.** Showers in all occupancies shall be finished as specified in Sections 807.1.1 and 807.1.2 to a height of not less than 70 inches (1778 mm) above the drain inlet. Materials other than structural elements used in such walls shall be of a type that is not adversely affected by moisture. See Section 2512 for other limitations.

**807.1.4 Shower doors.** For shower doors, see Sections 2406.4 and 2407.

**807.2 Water Closet Room Separation.** See Section 302.6 for requirements to separate water closet rooms.

**TABLE 8-A—FLAME-SPREAD CLASSIFICATION**

MATERIAL QUALIFIED BY:	
Class	Flame-spread Index
I	0-25
II	26-75
III	76-200

**TABLE 8-B—MAXIMUM FLAME-SPREAD CLASS<sup>1</sup>**

OCCUPANCY GROUP	ENCLOSED VERTICAL EXITWAYS	OTHER EXITWAYS <sup>2</sup>	ROOMS OR AREAS
A	I	II	II <sup>3</sup>
B	I	II	III
E	I	II	III
F	II	III	III
H	I	II	III <sup>4</sup>
I-1.1, I-1.2, I-2	I	I <sup>5</sup>	II <sup>6</sup>
I-3	I	I <sup>5</sup>	I <sup>6</sup>
M	I	II	III
R-1	I	II	III
R-2	I	II <sup>7</sup>	III <sup>7</sup>
R-3	III	III	III <sup>8</sup>
S-1, S-2	II	II	III
S-3, S-4, S-5	I	II	III
U	NO RESTRICTIONS		

<sup>1</sup>Foam plastics shall comply with the requirements specified in Section 2602. Carpeting on ceilings and textile wall coverings shall comply with the requirements specified in Sections 804.2 and 805, respectively.

<sup>2</sup>Finish classification is not applicable to interior walls and ceilings of exterior exit balconies.

<sup>3</sup>In Group A, Divisions 3 and 4 Occupancies, Class III may be used.

<sup>4</sup>Over two stories shall be of Class II.

<sup>5</sup>In Group I, Divisions 2 and 3 Occupancies, Class II may be used.

<sup>6</sup>Class III may be used in administrative spaces.

<sup>7</sup>Group R, Division 2 Occupancies housing six or more nonambulatory clients or a bedridden client shall comply with the requirements specified for Group I, Division 1.1 Occupancies.

<sup>8</sup>Flame-spread provisions are not applicable to kitchens and bathrooms of Group R, Division 3 Occupancies.

Section 470A.2.3 – In item 7, revise “water closet” to “toilet”.

Section 470A.2.6 – In item 4, revise “water closet” to “toilet”.

Section 470A.2.7 – In item 4, revise “water closet” to “toilet”.

Section 470A.2.8 – In item 3, revise “water closets” to “toilets”.

Section 470A.2.9 – In item 1, after the word “inmate” add “;” and delete the words “exclusive of circulation corridors of 3 feet (914 mm) in width in front of cells/rooms;”; and in item 3 revise “water closets” to “toilets”.

Section 470A.2.10 – Insert a new paragraph 3 to read “The exercise area must contain or provide free access to a toilet, wash basin, and drinking fountain as provided in Section 470A.3.”

Section 470A.2.12 – revise the first sentence to read “There must be a minimum of one suitably equipped medical examination room in every facility which provides on-site health care.”; add items “4. Provide lockable storage for medical supplies.” and “5. Any room where medical procedures are provided must be equipped with hot and cold running water.”

Section 470A.2.15 – Delete heading and the entire section.

Section 470A.2.22 – Delete the last sentence.

Section 470A.2.25 – Revise to read “There must be a minimum of one suitably furnished interview room for confidential interviews in every facility which provides on-site health care. The interview room shall be designed in consultation with responsible custody staff and health care staff. Such an interview room shall:”

Section A3.1 – Revise the title to read “**Toilets/urinals.**”; delete the section language and its exception inserting 6 new items and a Note.

Section 470A.3.2 – Revise the first “**Wash Basins.**” To a bold title; omit the balance of the language and exception; insert 7 new items.

Section 470A.3.3 – Revise the first sentence to read “... single-occupancy cell, double occupancy cell, dormitory, temporary holding cell, temporary staging cell, and sobering cell and be accessible to the occupants of dayrooms and exercise areas.”; revise item 1 to replace both locations of “water outlet” with “drinking fountain bubbler”; delete item 2; renumber item 3 as item 2.

Section 470A.3.4 – add “NOTE: Shower areas shall provide modesty for inmates with staff being able to visually supervise.”.

Section 470A.3.5 – In all locations revise “beds/bunks” to “beds”.

Section 470A.3.9 – in the title delete “/shelves/clothes hooks”; and delete all but the first sentence.

Section 470A.3.10 – Replace the first sentence with “In temporary holding and temporary staging cells, seating must be securely fixed to the floor and/or wall.”

9. January 2, 2003 Supplement approved by the California Building Standards Commission on January 31, 2001, Filed with the Secretary of State on February 2, 2001, published January 1, 2003, and effective 180 days after publication – July 1, 2003:

Section 460A.1.7 – In item 3, revise “... a maximum of 144 ...” to read “... a minimum of 144 ...”.

Section 460A.1.8 – In item 3, revise “... a maximum of 144 ...” to read “... a minimum of 144 ...”.

Section 460A.1.11 – Replace item 1. language.

Section 460A.1.11 – In item 1.1, revise “... one half ...” to read “... one quarter ...”.

Section 460A.1.11 – Revise item 1.2 to read “The required recreation area shall contain no single dimension less than 40 feet.”

Section 460A.1.12 – Revise to read “**Academic Classrooms.** There shall be dedicated academic classroom space for every juvenile in every facility. The primary purpose for the academic classroom shall be for education. Each academic classroom shall contain ...”; and, add the NOTE words as the last sentence of this section.

Section 460A.1.14 – delete the “and,” for the end of item 4; and, delete the “.” and add “; and,” to the end of item 5; and, insert a new item “6. Smooth, non porous, washable surfaces.”

Section 460A.2.1 – Revise the NOTE of item 3 to read “... provide modesty for ...”.

Section 460A.2.3 – insert new items 1. and 2.

Section 460A.2.5 – Delete the last “.” And add new language “... measured from any side of the bed. Beds placed ....”.

Section 470A.1 – Under **Living Areas**, revise “... as detoxification safety ...” to read “... as sobering safety ...”.

Section 470A.2.1 – In item 3., revise “A detoxification cell ...” to read “A sobering cell ...”; and, at the end, add “For those facilities that accept male and female intoxicated inmates, two sobering cells shall be provided.”

Section 470A.2.1 – Revise item 4. to read “Access to a shower within the secure portion of the facility.”

Section 470A.2.1 – Add a new item “8. Unobstructed access to hot and cold running water for staff use.”

Section 470A.2.4 – Revise it to read “**Sobering cell.** A sobering cell shall.”; and, add a new item “8. Have accessible a shower in the secure portion of the facility.”

Section 470A.2.5 – In item 1 revise the second line to read “... with no one floor dimension being less than 6 feet ...”; and, add a new item “8. any wall or ceiling mounted devices must be inaccessible to the inmate occupant.”

Section 470A.2.8 – In item 1 revise the second line to read “... single-bed unit; a minimum of 70 square ...”; and, revise the third line to read “... double-bed unit; and a minimum of 90 square feet for a triple-bed unit and have a minimum ...”.

Section 470A.2.9 – At the end of item 2. delete the “.” And add the words “allowed access at a given time;”

Section 470A.2.14 – Add a new second paragraph to read “If negative pressure isolation rooms are being planned, they shall be designed to recognized industry standards.”

Section 470A.2.16 – Revise the language in the third to the end of the section to read “... to purchase items. When commissary supplies are kept within the security perimeter for a facility, an area shall be provided for the secure storage of the stock for such inmate canteen items.”

Section 470A.2.20 – Revise the second line to read “... janitor’s closet, with sufficient area ...”; and, revise the third line to read “... cleaning implements and supplies, must be ...”; and revise the fourth line to read “... of the facility. A mop sink shall also be available within the security area of the facility. In court holding, ...”

Section 470A.3.5 – Revise the first line to read “... must be elevated off the floor, have a solid bottom, and a sleeping surface of at least ...”; and in the second and third lines, end the sentence at “long.” delete the words “and be of the pan-bottom type or constructed of concrete.”

Section 470A.3.8 – Revise “In detoxification cells ...” to read “In sobering cells ...”.

10. (OSHPD EF 01/02) Amend Chapters 4 and 10 of Part 2, Title 24. Approved as emergency by the California Building Stan-

dards Commission on January 15, 2003 and filed with the Secretary of State on January 16, 2003. Effective January 16, 2003.

**11. Errata February 1, 2003:**

Page 1-30: In Division 6 Occupancies, add reference to Appendix Chapter 3A.

Page 1-116, In Section 1004.3.4.3, insert [For SFM] and revise “. . . or more in Group E shall . . .” to “or more; and Group E shall . . .”

Page 1-134.82: In Figure 11B-18A, revise both parking stall widths to 9'-0" and the crosshatched divider to 5'-0".

Page 1-134.83: In both Figures 11B-18B and 11B-18C, revise parking stall width to 9'-0".

12. (SFM 3/02) Swing of Patient Room Doors. Amend Section 1007.511. Approved by the Building Standards Commission on May 14, 2003 and effective 180 days after publication.

13. (BOC 01/02) Design Criteria for Furnishings and Equipment. Adopt Section 460A.2.10 Design Criteria for Required Spaces. Amend Sections 460A.1.2; 460A.1.5-460A.1.9; 460A.1.13. Approved by the Building Standards Commission on July 16, 2003 and effective 180 days after publication.

14. (SFM EF 06/03) Senate Bill 1896 Bedridden Clients in Residential Care Facilities—Repealed emergency expired January 8, 2004.

15. (SFM EF 01/04) Senate Bill 1896 Bedridden Clients in Residential Care Facilities. Amend various sections of the California Building and Fire Codes. Approved on an emergency basis by the California Building Standards Commission on November 18, 2004, effective November 22, 2004.

**16. Errata April 8, 2005 to November 22, 2004 Emergency Supplement:**

Page 1-50.12A: Delete Table 8-B erroneously located in Chapter 4A.

Page 1-92: Insert requirements for R2 Occupancies into Table 8-B, renumber Footnote 7 to 8, and insert new Footnote 7.