# APPROVED BY THE CALIFORNIA BUILDING STANDARDS COMMISSION JANUARY 19, 2022

# FINAL EXPRESS TERMS FOR PROPOSED BUILDING STANDARDS OF THE STATE FIRE MARSHAL REGARDING THE 2022 CALIFORNIA REFERENCED STANDARDS CODE, CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART **12**

# (SFM 08/21)

The State agency shall draft the regulations in plain, straightforward language, avoiding technical terms as much as possible and using a coherent and easily readable style. The agency shall draft the regulation in plain English. A notation shall follow the express terms of each regulation listing the specific statutes authorizing the adoption and listing specific statutes being implemented, interpreted, or made specific (Government Code Section 11346.2(a)(1)).

If using assistive technology, please adjust your settings to recognize underline, strikeout and ellipsis.

## LEGEND for EXPRESS TERMS (California only codes - Parts 1, 6, 8, 11, 12)

* Existing California amendments appear upright
* Amended or new California amendments appears underlined
* Repealed California language appears ~~upright and in strikeout~~
* Ellipsis ( ...) indicate existing text remains unchanged

The Office of the State Fire Marshal (SFM) proposes to adopt the 2022 edition of the California Referenced Standards Code (CRSC). SFM further proposes to:

Adopt new building standards or necessary amendments to the 2022 California Reference Standards Code as they pertain to California laws and regulations.

## FINAL EXPRESS TERMS

### Item 1 Chapter 12-7A, Materials and Construction methods for exterior wildfire exposure, Section SFM Standard 12-7A-5

**~~IGNITION-RESISTANT MATERIAL  
SFM STANDARD 12-7A-5~~**

**~~12-7A-5.1 Application.~~** ~~The minimum design, construction and performance standards set forth herein for ignition-resistant materials are those deemed necessary to establish conformance to the provisions of these regulations. Materials and assemblies that meet the performance criteria of this standard are acceptable for use as defined in the~~ *~~California Building~~**~~Standards Code.~~*

**~~12-7A-5.2 Scope.~~** ~~This standard determines the performance of ignition-resistant materials when exposed to embers and small flames.~~

**~~12-7A-5.3 Referenced documents.~~**

1. ~~ASTM E 84, Standard Test Method for Surface Burning Characteristics of Building Materials.~~
2. ~~UL 723, Test for Surface Burning Characteristics of Building Materials.~~
3. *~~California Building Code~~*~~, Chapter 7A.~~

**~~12-7A-5.4 Definitions.~~** ~~Ignition-resistant material A type of building material that resists ignition or sustained flaming combustion sufficiently so as to reduce losses from wildland-urban interface conflagrations under worst-case weather and fuel conditions with~~~~wildfire exposure of burning embers and small flames, as prescribed in California Building Standards Code Section 703A.~~

**~~12-7A-5.5 Equipment.~~** ~~Equipment is to be in accordance with the tests specified in Section 12-7A-5.9 Conduct of Tests.~~

**~~12-7A-5.6 Materials.~~** ~~Materials used are to be in accordance with the tests specified in Section 12-7A-5.9 Conduct of Tests.~~

**~~12-7A-5.7 Test specimen preparation.~~** ~~The test specimen is to be prepared in accordance with the tests specified in Section 12-7A-5.9 Conduct of Tests.~~

**~~12-7A-5.8 Weathering.~~** ~~Weathering of materials shall be in accordance with California Building Code Section 703A Standards of Quality.~~

**~~12-7A-5.9 Conduct of tests.~~** ~~When weathering is required by California Building Code Section 703A Standards of Quality, the materials to be tested shall be weathered in accordance with Section 12-7A-5.8 prior to testing in accordance with this Section. All materials shall be tested in accordance with the test procedures set forth in ASTM E 84 or UL 723 except that the test shall be continued for an additional 20 minutes for a total test period of 30 minutes.~~

**~~12-7A-5.10 Report.~~** ~~The report shall include a description of the tested material, whether weathering was conducted, and the time and description of any degradation including but not limited to: structural failure, flaming drops or particles falling from the material during the test.~~

**~~12-7A-5.11 Conditions of Acceptance:~~**

1. **~~Flame spread.~~** ~~Materials shall exhibit a flame spread index not exceeding 25 and shall show no evidence of progressive combustion following the 30-minute test period.~~
2. **~~Flame front.~~** ~~Materials shall exhibit a flame front that does not progress more than 101/2 feet (3200 mm) beyond the centerline of the burner at any time during the 30-minute test period.~~

**Notation:**

Authority: Health and Safety Code Sections 13108, 13108.5, 13113, 13113.5, 13114, 13132, 13143, 13143.2, 13143.6, 13145, 13146, 13210, 13211, 16022.5, 17921, 18949.2, 25500 through 25545, Government Code Section 51189, Public Education Code 17074.50.

Reference(s): Health and Safety Code Sections 13108, 13143, 13145, 13146, 13211, 16022.5, 17921, 18949.2, Government Code Sections 51176, 51177, 51178 and 51179, Public Resources Code Sections 4201 through 4204.