



**FLAME CONTROL COATINGS**  
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### FLAME CONTROL NO. 10-10A AND FLAME CONTROL NO. 20-20A COATINGS

**CSI Section:**

- 09 96 43 Fire-retardant Coatings
- 09 96 46 Intumescent Paints

#### 1.0 RECOGNITION

Flame Control Coatings No. 10-10A and No. 20-20A coatings recognized in this report has been evaluated for use as interior finishes. The interior finish properties of the No. 10-10A and No. 20-20A coatings comply with the intent of the provisions of the following codes and regulations:

- 2021, 2018, and 2015 International Building Code® (IBC)
- 2021, 2018, and 2015 International Residential Code® (IRC)
- 2021, 2018, and 2015 International Fire Code® (IFC)
- 2021, 2018, and 2015 NFPA 703

#### 2.0 LIMITATIONS

Use of the No. 10-10A and No. 20-20A coatings recognized in this report is subject to the following limitations:

**2.1** The coatings shall be installed in accordance with the applicable code, the manufacturer’s published installation instructions, and this report. Where there is a conflict, the most restrictive requirements shall govern.

**2.2** The coatings shall not be used on floors.

**2.3** Evaluation of the application and performance of the coatings to structural elements is beyond the scope of this review.

**2.4** The coatings recognized in this report are produced by Flame Control Coatings in Niagara Falls, New York.

#### 3.0 PRODUCT USE

**3.1 General:** Flame Control No. 10-10A and Flame Control No. 20-20A coatings are applied to interior combustible surfaces where it is necessary to reduce the surface burning characteristics of combustible materials.

**3.2 Design:** Application of the coatings shall be in accordance with Table 1 of this report.

#### 3.3 Installation:

**3.3.1 Installation General:** No. 10-10A and No. 20-20A, coatings may be applied by brush, roller, airless or conventional heavy duty spray equipment. Application shall be at temperatures of 50°F (10°C) or greater and a moisture content of less than 12 percent for the substrate.

#### 4.0 PRODUCT DESCRIPTION

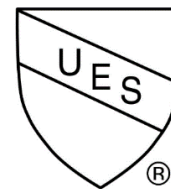
**4.1 Flame Control No. 10-10A:** Flame Control No. 10-10A is an interior, flat, alkyd type, fire retardant paint. The paint is formulated to form a dense foam layer when in contact with flame or excessive heat. The paint is packed in 1-gallon and 5-gallon containers. The paint has a shelf life of one year when unopened and shall be stored in temperatures of 50°F to 85°F (10°C to 29.4°C).

**4.2 Flame Control No. 20-20A:** Flame Control No. 20-20A is a Class A interior water-based flat latex intumescent fire-retardant paint. The paint is formulated to when in contact with flame or excessive heat, the coating intumesces, forming a thick sponge-like cellular foam layer. The paint is packed in 1-gallon and 5-gallon containers. The paint has a shelf life of 9 months when unopened and shall be stored in temperatures of 50°F to 85°F (10°C to 29.4°C).

#### 5.0 IDENTIFICATION

Flame Control No. 10-10A and Flame Control No. 20-20A, coatings are identified by the Flame Control Coating’s name and trademark, product name and evaluation report number (ER-830).

The IAPMO Uniform Evaluation Service Mark of Conformity may also be used as shown below:



**IAPMO UES ER-830**

#### 6.0 SUBSTANTIATING DATA

**6.1** Testing for surface burning characteristics in accordance with ASTM E84.

**6.2** Test reports are from laboratories in compliance with ISO/IEC 17025.

*The product described in this Uniform Evaluation Service (UES) Report has been evaluated as an alternative material, design or method of construction in order to satisfy and comply with the intent of the provision of the code, as noted in this report, and for at least equivalence to that prescribed in the code in quality, strength, effectiveness, fire resistance, durability and safety, as applicable, in accordance with IBC Section 104.11. This document shall only be reproduced in its entirety.*





## 7.0 STATEMENT OF RECOGNITION

This evaluation report describes the results of research completed by IAPMO Uniform Evaluation Service on Flame Control Coating’s No. 10-10A and No. 20-20A coatings to assess conformance to the codes shown in Section 1.0 of this report and serves as documentation of the product certification. Products are manufactured at locations noted in Section 2.4 of this report under a quality control program with periodic inspection under the supervision of IAPMO UES.

For additional information about this evaluation report please visit [www.uniform-es.org](http://www.uniform-es.org) or email us at [info@uniform-es.org](mailto:info@uniform-es.org)

Table 1 – Interior Finish Ratings							
Coating	Substrate	Coating Thickness (mils)		Coverage Rate (sq. ft.)	Class	Flame Spread Index	Smoked Developed Index
		Wet Film	Dry Film				
No. 10-10A	Douglas Fir	7	3.5	230	A	25 or less	200 or less
No. 20-20A	Douglas Fir	10.4	4.8	155	A	25 or less	200 or less