



Spray-Applied Fire Resistive Material **CAFCO® 300SB**

Specially Designed For The RETROFIT Construction Market

PRODUCT

CAFCO® 300SB is a durable Spray-Applied Fire Resistive Material (SFRM) specifically designed to provide fire protection in retrofit commercial construction projects. With its light green color and superior overall fire protection performance, CAFCO 300SB is an easily identified, cost effective solution for spray-back fire protection to various floor and roof assemblies, steel beams, columns, and joists.

FIRE TEST PERFORMANCE

CAFCO® 300SB has the best overall fire performance per unit thickness of any commercial density spray-applied fire resistive material. It has been tested for fire endurance by Underwriters Laboratories, Inc. in accordance with ASTM E119 (UL 263, CAN/ULC-S101).

Fire resistance ratings up to 4 hours are available for:

- Floor Assemblies
- Columns
- Beams
- Roof Assemblies
- Joists

CAFCO® 300SB has also been tested in accordance with ASTM E84 (UL 723, CAN/ULC-S102) and has been classified to provide the following Surface Burning Characteristics:

Flame Spread.....0
Smoke Developed.....0

PRODUCT AVAILABILITY

CAFCO Spray-Applied Fire Resistive Materials are available to trained, licensed contractors around the world from strategically located production and distribution points in the U.S., Canada, Mexico, Latin America, Europe and the Pacific Basin.

Table of Physical Properties

Characteristic	ASTM Method	Standard Performance*	Tested Performance**
Cohesion/Adhesion	E736	150 psf (7.2 kPa)	390 psf (18.6 kPa)
Deflection	E759	No Cracks or Delaminations	No Cracks or Delaminations
Bond Impact	E760	No Cracks or Delaminations	No Cracks or Delaminations
Compressive Strength	E761	750 psf (35.9 kPa)	2,510 psf (120.2 kPa)
Air Erosion Resistance	E859	Less Than 0.025 g/ft ² (0.27 g/m ²)	0.000 g/ft ² (0.000 g/m ²)
Density	E605	15 pcf (240 kg/m ³)	17.8 pcf (285 kg/m ³)
Corrosion Resistance	E937 Mil Std. 810	Does Not Promote Corrosion of Steel	Does Not Promote Corrosion of Steel

*Standard Performance based on General Services Administration: AIA/SC/GSA: 07811 except for density which is based on UL. Refer to UL design for density requirement.

**Values represent independent laboratory tests under controlled conditions.

CODE COMPLIANCES

CAFCO® 300SB satisfies the requirements of the following building code organizations:

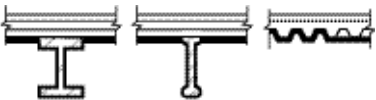

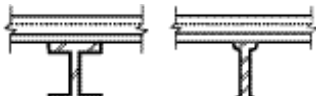
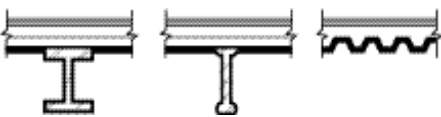
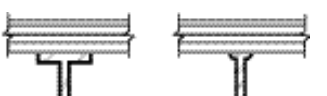
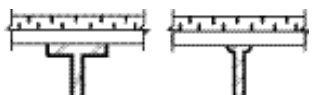

- IBC - International Building Code
- SBCCI - Southern Building Code Congress International
- ICBO - International Conference of Building Officials
- BOCA - Building Officials and Code Administrators International, Inc.
- New York City - MEA

MAJOR SPECIFICATIONS

CAFCO 300SB complies with the requirements of the following specifications:

- General Services Administration (GSA): AIA/SC/GSA: 07811
- Department of the Navy NAVFACENCOM Guide Specification NFGS 07810, Sprayed-On Fireproofing
- Veterans Administration (VA): H-08-1
- U.S. ARMY Corps of Engineers. CEGS-07811

UL* Fire Resistance Ratings

System or Component	Rating (HR)	Designs	Design Details
Floor Assemblies – Protected Deck	1, 1½, 2, 3 1, 1½, 2, 3 1, 1½, 2, 3	D759 G705 D859	
Floor Assemblies – Unprotected Deck	1, 1½, 2, 3	D902	
Beam or Joist Only – Floors	1, 1½, 2, 3, 4 1, 1½, 2, 3	N759 N761	
Roof Assemblies – Protected Deck	1, 1½, 2, 3 1, 1½, 2, 3	P719 P723	
Roof Assemblies – Unprotected Deck	1, 1½, 2 1, 1½, 2	P908 P922	
Beam or Joist Only – Roofs	1, 1½, 2, 3, 4 1, 1½, 2, 3, 4	S721** S729	
Wide Flange, Pipe and Tube Steel Column	1, 1½, 2, 3, 4	X790	

Note: In all cases, consult the actual design listing for beam sizes, deck profiles, electrification details, roof insulation types, and other construction details.

* UL is accredited by the Standard Council of Canada (SCC) as a Certification and Testing Organization to Canadian Standards and codes.

** Requires material on underside of deck.

For Further Information

CAFCO® Technical and Sales Representatives are always available to lend assistance. Additional printed materials, including Material Safety Data Sheets, and other product literature, are available upon request. For more information about our CAFCO® line of sprayed fire protection, thermal and acoustical treatments, SprayFilm™ Intumescent Coatings, CAFCO-BOARD™ or for the name of the Sales Representative in your area, please contact:

In the United States: Isolatek International, Stanhope, New Jersey Tel: 800.631.9600 Fax: 973.347.9170

In Mexico & Central America: Cafco Mexico S.A. de C.V., Mexico D.F. Tel: 52.55.5254.6683 Fax: 52.55.5531.7826

In Andean Countries: Cafco Andina S.A., Santiago, Chile Tel: 562.378.5120 Fax: 562.378.5121

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For more detailed product information, visit our website at
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Total Passive
Fire Protection

10/03