November 2022

WHAT'S COMING UP...

NFCA's Webinar Series - Don't miss NFCA's webinars. They are always packed with information, and our Q&A sessions can go on for almost as long as the presentations--great real time interaction.

NFCA Webinar - Dec. 13, 2022 (Tuesday): 1:00 pm - 2:00 pm Central Time
TOPIC: NFCA 2022 Wrap-Up
What has NFCA Done in '22? Lots. Don't miss this 'NFCA Association & Industry Update' covering a variety of topics.   **Register NOW!**

- -

NFCA Award of Excellence Call for Entries OPEN for NFCA Contractor Members
Deadline is January 31, 2023
NEW FORMAT THIS YEAR-- Each entry is judged by NFCA Contractor Member Companies and will be anonymous. Don't delay -- Get your entry in NOW before the Holidaze rush!
- **NFCA AOE Rules**
- **NFCA Entry Form**
- NFCA Entry **Powerpoint Template** or **NFCA Word Template** (Please contact **Kriston@nfca-online.org** for "writeable/editable" ppt or word document.

- -

SAVE THE DATE! NFCA's Week of Learning will be March 28-31, 2023. Details will be posted on the website soon.

DID YOU KNOW...

NFCA Education & Exams for Contractor's and Inspection Agencies - NFCA just held its' best attended VIRTUAL IFRM & SFRM Education & Exams program. With over 35 attendees, Contractors are realizing the importance of sending their employees to this critical class. NFCA Members setting up their companies to have a depth of expertise in fireproofing. They also have multiple Designated Responsible Individuals, (DRI's) protecting their NFCA Accreditation and UL Qualified Fireproofing Contractor status. Don't miss this opportunity to build a better company through employee knowledge. Watch for 2023's VIRTUAL **Schedule** soon. The NFCA IN PERSON Education & Exams is scheduled for March 27-29, 2023.

Do you have a NFCA HAFK yet? The **NFCA Handbook of Fireproofing Knowledge (HAFK)** is the study guide for the NFCA's SFRM & IFRM Fireproofing Exams – the first step to NFCA Contractor Accreditation and UL Qualified Fireproofing Contractor status. Leading Fireproofing Contractors and Fireproofing Inspection Agencies keep this document as a 3rd party proof source when making a point. **CLICK HERE TO ORDER NOW**

NFCA
National Fireproofing
Contractors Association

**NFCA HANDBOOK OF
ACCEPTED FIREPROOFING
KNOWLEDGE**
Version 1.0
© 2007 (SKMS), 2019-2020

NFCA
National Fireproofing
Contractors Association
4425 W Harrison St., Suite 540 · Hillside, IL 60162 USA
+1-708-236-3411
info@NFCA-online.org

Manufacturers Instructions & Listings – In Fireproofing, there is a code-mandated exacting installation protocol, different than many other construction industries. The International Building Code states that fireproofing products shall be installed in accordance with the listings and manufacturers installation instructions. It's not either or – it's both. Check out IBC 2021 sections 704.13.1 and 704.13.2 for specific language.

704.13 Sprayed fire-resistant materials (SFRM). Sprayed fire-resistant materials (SFRM) shall comply with Sections 704.13.1 through 704.13.5.

704.13.1 Fire-resistance rating. The application of SFRM shall be consistent with the *fire-resistance rating* and the listing, including, but not limited to, minimum thickness and dry density of the applied SFRM, method of application, substrate surface conditions and the use of bonding adhesives, sealants, reinforcing or other materials.

704.13.2 Manufacturer's installation instructions. The application of SFRM shall be in accordance with the manufacturer's installation instructions. The instructions shall include, but are not limited to, substrate temperatures and surface conditions and SFRM handling, storage, mixing, conveyance, method of application, curing and *ventilation*.

Do all Fireproofing materials have to comply with the 12" Spray Out Rules?

When it comes to the 12" 'Spray-Out' Rule cited in section 704.6.1, attachments, the same rules apply to all types of fireproofing materials.

The 2021 IBC states in section 704.6.1:

704.6.1 Secondary attachments to structural members.
Where primary and secondary structural steel members require fire protection, secondary steel attachments to those structural members shall be protected with the same fire-resistive material and thickness as required for the structural member. **The protection shall extend away from the structural member a distance of not less than 12 inches (305 mm), or shall be applied to the entire length where the attachment is less than 12 inches (305 mm) long.** Where an attachment is hollow and the ends are open, the fire-resistive material and thickness shall be applied to both exterior and interior of the hollow steel attachment.

Since this is in a general Section of 704, long before materials are specified, this section precedes the material sections. Therefore, the 12" Spray Out Rule applies to all fireproofing products. Sprayed Fire Resistive Materials (SFRM), Intumescent Fire Resistive Materials (IFRM), Boards and Wraps of Gypsum, Ceramic Fiber, Mineral Wool, or Endothermic Materials all need to comply.

This concept applies even though a listing might not require 12" spray out. Because it is stated 12" in the 2021 IBC, the Authority Having Jurisdiction needs to approve any listing that shows less than a 12" spray out. Don't miss this in estimating or field operations.

**THANKS TO NFCA
GOLD SUPPLIER MEMBER**

UPDATES:

NFCA @ ICC - The International Code Council manages production of the International Family of Codes, including the International Building Code. In the last two code development cycles, NFCA worked on the 12" Spray Out Rule for Attachments. NFCA worked with the original proponent, Crystal Sujeski of the CA State Fire Marshal's Office and American Iron and Steel Institute's Jonathan Humble to get clarification of what was meant by 'Attachments'. We understand manufacturers have been performing fire testing to determine if 12" is the right length, or not. Look for answers in future eNews and at NFCA's Week of Learning in Charlotte, NC – March 29-31, 2023.

Got A Fireproofing Question? We don't promise to have all the answers, but do provide members with resources they can use to make decisions. Feel free to **email us** when you get stumped.

SAFETY SECTION:

The USA Occupational Safety and Health Administration has been working on the Hazardous Communications Standard (HazCom) to align with the new Globally Harmonized System of Classification and Labeling of Chemicals (GHS). As a result, manufacturers and distributors of hazardous chemicals and products must begin standardizing container labels to display information.

Contractors, consider getting ahead of the new rules, expected sometime in 2023. Update Safety Data Sheets (SDS) used for project sites to most current, while making the SDS accessible to employees. Most current SDS sheets means your company is being proactive in implementing new OSHA requirements. Check out **OSHA's Quick Card** for guidance on what's expected for suppliers to your company. There's also a good summary of the Hazard Communication Standard update available **here**.

NFCA Fireproofing Industry Friends from Canada and around the world, consider providing employees the most current SDS too. Due to COVID and trying to be competitive, manufacturers might change formulations, chemicals in products, resulting in previous SDS being out of date!

For our Canada members, visit Workplace Hazardous Materials Information System (WHMIS), for supplier responsibilities

Also, the Canadian Centre for Occupational Health and Safety, **CCOHS** has released their **2022/2023 Departmental Plan**. Check it out.

NEW Canada Code Development Organization – The National Building Code of Canada and National Fire Code of Canada, Plumbing and Energy Codes, are developed using a consensus body at the National Research Council of Canada. There has been a new group that is new responsible for development of codes in Canada.

The newly formed Canadian Board for Harmonized Construction Codes (CBHCC) assumes responsibility for the development of Canada's National Model Codes. The CBHCC replaces the Canadian Commission

on Building and Fire Codes (CCBFC) – the committee responsible for managing the national code development system in Canada since 1991.

A stated purpose of the move was "reducing variations in technical requirements between codes, for more timely adoption, and for a transformed national code development system that meets the needs of all jurisdictions".

The standing committees, task groups and working groups that develop code change proposals remain in place at the time of transition. The National Research Council of Canada (NRC) will continue to publish the codes, and provide administrative, technical, and policy support to the code development system.

NFCA MEMBER UPDATES:

Did your company promote someone? Retirement? Exciting company news? Let us know! Email **kriston@nfca-online.org**

WELCOME NFCA New Contractor Members

Click on logo's for more information!

DIVISIONS CONTRACTORS

SHARPE INTERIOR SYSTEMS
DRYWALL CONTRACTORS

JIL ENGINEERING & CONSTRUCTION

Not a NFCA Member Yet?

Membership in NFCA supports educational opportunities specific to fireproofing plus advocacy efforts on behalf of fireproofing - fire safety and the industry.

You'll also get great member discounts and access to NFCA's member's only industry information.

Three types of memberships available! For detailed information *Go HERE* and *JOIN NOW!*

in Don't forget to connect with members on LinkedIn and post NFCA & NFCA Member activities from time to time.

THANKS TO NFCA SILVER SUPPLIER MEMBERS:

HILTI

SHERWIN-WILLIAMS
Protective & Marine Coatings

QUESTIONS? Contact Kriston at kriston@nfca-online.org; 708-236-3411