IFC Activity Update

FCIA Conference - New Orleans, LA
April 27, 2011
Overview

• IFC Officer Elections
• ASTM Standards for Fire Resistive Ducts and Head-of-Wall Joints
• Caulk Shrinkage
• Canadian Listings in UL Directory
• Pipe Movement and Firestop Systems
• Engineering Judgments
Officer Elections

- IFC held elections at our Spring 2011 meeting
- Our new officers and chairs, elected to a 2 year term, are:
  - J. Stahl Jr. (STI) – President
  - R. Archer (Rectorseal) – Vice President
  - T. Mattox (Tremco) – Treasurer
  - J. Valiulis (Hilti) – Code Action Chair
  - M. Kerrison (Unifrax) – Duct Committee Chair
- Sean DeCrane remains our Executive Director
ASTM Standards

• IFC hosted ASTM E05 Meetings
• John Nicholas chaired meetings on Fire Resistive Ducts and Head-of-Wall Joints for Rated Walls to Non-Rated Roof or Floors
• Progress is being made on both documents
• The Rated Wall to Non-Rated Roof/Floor will address a very common condition
  – Limited to simply evaluating the joint between the two assemblies
  – Similar to curtain wall standard in terms of providing a means to seal between a rated assembly and a non-rated assembly
  – Does not assign a rating to a non-rated assembly
• Work will continue within ASTM on these two standards
Caulk Shrinkage

• Based on discussions between IFC and FCIA, IFC petitioned UL to provide means to quantify shrinkage
• ASTM inspection procedures provide option for destructive testing
• Due to inherent drying characteristics, sealants will shrink and measured dry depth is different than reported wet depth
• UL reported to IFC a new program
Caulk Shrinkage – cont’d

• UL’s Optional Program is to allow manufacturers to run ASTM C1241 to evaluate shrinkage of latex sealants
• Results will be reported in listing card for specific material
• Guide Information for XHEZ and XHBN will be updated to indicate that reported sealant depth is “wet” and shrinkage will occur with reference to the listing card for shrinkage values
Canadian Listings

• UL reported about programs for Canadian listings

• IFC had lobbied UL to create “North American” listings to make it easier to find and select UL Systems

• UL now issuing two listings for each System (e.g. C-AJ-1079.XHEZ and C-AJ-1079.XHEZ7)
Canadian Listings – Cont’d

• UL considering a voluntary program for a “dual listing”
• Would include both ratings applicable for US (UL1479/ASTM E814) and Canada (CAN/ULC-S115)
• The “North American format” would make system selection and submittals easier for contractors and manufacturers
Pipe Movement and Firestop Systems

- IFC discussed pipe movement and firestop systems
- Discussed options for proposed standard:
  - Independent standard for liquid-applied products?
  - Independent standard for devices?
  - Combined standard for both types of products?
- In the case of a liquid-applied product (e.g. caulk), the product should remain bonded to both penetrant and opening
- In the case of a device (e.g. cast-in-device), the pipe can slide through and thus should not remain bonded
- More meetings are planned on this important topic
Engineering Judgments (EJs)

- IFC is discussing development of voluntary standards for certification of qualified and competent EJ writers
- Exploratory task group formed
- Effort to raise the standards and improve quality and consistency
Thank You!