Inspection of Firestopping for Contractors
The Inspection Process:

- Inspection Documents
- Submittal Package
- Pre-Construction Meeting
- Inspection Types
- Final Report
Inspection Documents

- Specifications
  - ASTM E2174 and E2393
  - Submittal Package
  - Quality Control
  - Pre-Construction Meeting
  - Mock-ups
  - As-Builts
  - Schedule
  - Quality Assurance
Inspection Documents

- Drawings (A, S, M, E, FP)
  - Code Analysis
  - Plans
  - Barrier Locations
  - Barrier Types
  - Additional Notes
  - Sections and Details
  - M & E Pathways
Inspection Documents

- Addenda & Changes
  - Addendum Clarifications
  - Construction Changes
  - Construction Clarifications
  - Reports
  - Other
Submittal Package

- LD, MSDS, Product Data
- LD Matrix
- Samples
- LEED
- QC Requirements
Pre-Construction Meetings

- Agenda
- Contacts
- Listed Designs
- Sequencing
- Clarifications
- Guideline Details
- Types of Inspections
- Inspection Schedule
Inspection Types

- Product
- Observation
- Destructive
- Mock-Up
- General
- Substantial Performance
• Following the ASTM Standards may seem like enough, although Inspection Documents may ask for far more...
Inspection Types

- **Product - ASTM**
  - Verify ASTM E 814 or UL 1479-SP
  - Verify ASTM E 1966 or UL 2079-Joints
  - Manufacturer, Product, Description
  - Materials Meet Inspection Document
Inspection Types

- Product - Affinity
  - Location
  - Storage Requirements
  - Temperature & Humidity
  - Product Expiry
  - Quantity of Material
  - Batch Numbers
  - Empty Containers
Inspection Types

- Observation - ASTM
  - Randomly Witness 10%
  - Actual vs. Listed Design
  - Substrate
  - Prep Requirements
  - Service Penetration/Joint
  - Backing Material
  - Product or Device Installation
Inspection Types

- Observation - Affinity
  - Material Review
  - Temperature & Humidity
  - Quality of Workmanship
Inspection Types

- Destructive - ASTM
  - Randomly witness 2%
  - Actual vs. Listed Design
  - Substrate
  - Service Penetration or Joint
  - Backing Material
  - Measurements of Product
Inspection Types

- Destructive - Affinity
  - Material Identified
  - Four Point Cuts
  - Annular Width & Depths
  - Joint Width & Depths
  - Additional Information is Noted
Inspection Types

- Additional Inspections
  - Mock-up
  - General
  - Substantial Performance
Final Report

• Summary of Systems
• Verification Method
• Compliancy
• Summary & Number of Deficiencies
• Correspondence to AA
• Reports
The Inspection Process

Promoting Success & Efficiency:

- Preparation
- Coordination
- Communication
- Education
Questions & Comments

Thank You

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Technical Panel Q & A
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- Where to cut?