Professional Services

- Architecture
- Planning
- Interiors
- Specifications Consulting
- Legal Support Consulting
- Quality Assurance/Sustainability Consulting
- Educational Consulting
Mission Statement:
The FCIA's mission is for member organizations to be recognized throughout the construction industry as preferred quality contractors of life safety firestop systems.
Instruments of Services

Drawings: graphic construction documents which indicate the relationship of objects to other objects

Specifications: written construction documents that provides the qualitative and administrative requirements
Guide Specifications

- Commercial
- Building Product Manufacturers
- US Government
- Industry Association
Guide Specifications

• Commercial
  – MasterSpec (February 2010)
  – SpecLink (Spring 2011)

• Building Product Manufacturers
  – Hilti (August 2008)
  – Specified Technologies (June 2010)
Guide Specifications

• US Government
  – Unified Facility Guide Specifications (May 2010)

• Industry Associations
  – FCIA (March 2007)
Organization of Specifications

**MasterFormat (2011)**

07 84 00 – Firestopping
07 84 19 – Penetration Firestopping
07 84 43 – Joint Firestopping
07 84 53 – Building Perimeter Firestopping
• PART 1 - GENERAL

• PART 2 - PRODUCTS

• PART 3 - EXECUTION
SectionFormat

- PART 1 - GENERAL
- PART 2 - PRODUCTS
- PART 3 - EXECUTION
• PART 1 - GENERAL
  - Quality Assurance
    ▫ Qualifications
      • Installers/Applicators/ Erectors
1.06 Quality Assurance

B. Contractor Qualifications: Acceptable installer firms shall be:
1. FM Approved in accordance with FM Standard 4991
2. Approval of Firestop Contractors.
3. UL Qualified Firestop Contractor
4. Firestop Contractors International Association Contractor Member in good standing.
5. Licensed by the State or local authority, where applicable.
6. Shown to have successfully completed not less than 5 comparable scale projects.
• PART 3 - EXECUTION
  - Installers
    ▫ Installer List
3.0x Installers

A. Qualified Installers: The following firestopping contractors have been approved:
   1. 
   2. 
   3. 

B. No substitutions.
Other Firestopping Issues

- Special Inspections of Firestopping
- Firestopping in Existing Buildings
1705.16 Fire-resistant penetrations and joints. In high-rise buildings or in buildings assigned to Risk Category III or IV in accordance with Section 1604.5, special inspections for through-penetrations, membrane penetration firestops, fire-resistant joint systems, and perimeter fire barrier systems that are tested and listed in accordance with Sections 714.3.1.2, 714.4.1.2, 715.3 and 715.4 shall be in accordance with Section 1705.16.1 or 1705.16.2.
1705.16.1 Penetration firestops. Inspections of penetration firestop systems that are tested and listed in accordance with Sections 714.3.1.2 and 714.4.1.2 shall be conducted by an approved inspection agency in accordance with ASTM E 2174.
1705.16.2 Fire-resistant joint systems. Inspection of fire-resistant joint systems that are tested and listed in accordance with Sections 715.3 and 715.4 shall be conducted by an approved inspection agency in accordance with ASTM E 2393.
Firestopping in Existing Buildings
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FCIA-01:
FCIA Recommended Practice for the Survey of Fire Resistance Rated and Smoke Resistant Penetration and Joint Firestopping in Existing Buildings
4 Surveyor

4.1 Contractor, survey company, with an individual(s) who has passed the UL or FM Firestop Exam for Designated Responsible Individual, (DRI).

4.2 Surveyors shall maintain 6 CEU’s every 3 years or retest to verify continued knowledge.

4.3 Conflict of Interest – Independence – Survey firm and surveyor shall be independent of manufacturer and supplier, distributor, manufacturers representative.
Firestopping in Existing Buildings

Related Survey Work

- Firestopping of penetrations and joints
- Labeling of fire-resistant walls
- Rating of doors, frames, and hardware in fire-resistant walls
- Gasketing of doors and frames in fire-resistant walls
- Fireproofing
Specifications & FCIA

• Education of Owners, Design Professionals & Building Officials regarding firestopping

• Update FCIA MOP and Guide Specifications
  - Conform to current industry practices for specifying
  - Provide ‘Notes to Specifier’ explaining options for specifying firestop requirements, as optional language
Specifications & FCIA

- Include special inspections and repairs of destructive verification requirements

- Update MOP and related documents to provide better guidance to Owners, Design Professionals, and Contractors related to maintaining fire-resistant separation in existing buildings.
  - Clearly defining separation requirements
  - Hiring qualified contractors
  - Regular inspections of existing conditions
Contact Information

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Questions ?