



Pikes Peak Chapter

The Construction Specifications Institute



Pikes Peak Chapter CSI December Chapter Meeting **Fire Stop 101: Introduction to Fire Stop Technology**

Today's fire stopping products are specifically designed to fill voids in construction joints and around thru-penetrations in fire rated walls and floors. Technological advancements in our industry has produced intumescent products that also offer increased protection to substrates and reduced installation costs with minimal impact to indoor air quality and the environment. This presentation will offer you the fundamentals of different UL listed systems so you can specify fire stopping systems that will provide the best outcome for your client.

Learning Objectives:

- ⇒ Learn the evolution of fire stopping technology
- ⇒ Understand the functionality of elastomeric and intumescent products
- ⇒ Apply new technologies to current construction techniques
- ⇒ Gain knowledge on how fire stop products are tested and UL listed
- ⇒ Identify the UL language
- ⇒ Compare/contrast what is listed within a product specification
- ⇒ Understand how LEED points are gained

Rob Petroni is the Western Region Manager, Building Safety Sales/ Technical Manager of passive fire protection, expansion joints, and aluminum railing systems.

Rob has over 25 years of experience specializing in passive fire protection with a focus on firestopping product design, testing, and technical sales.

Date: Wednesday, December 19, 2018
Time: 11:30 a.m. to 1:00 p.m.

The Warehouse
25 W. Cimmaron Street
Colorado Springs, CO 80903

No cost to Pikes Peak Chapter members
Please RSVP at www.pikespeakcsi.org
by noon on
Monday, Dec 17

Founded in 1937, The RectorSeal Corporation is a leading manufacturer of chemical specialty sealants and other related products designed for professional tradesmen. These products are distributed exclusively through an extensive wholesale distribution network serving the plumbing, industrial, HVAC-refrigeration, construction, electrical, and hardware markets.

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MESSAGE FROM THE PPCSI BOARD

Here we are at the final month of 2018 already. I would like to wish you all a Merry Christmas and a happy holiday season. As a chapter we carried the spirit of Christmas by supporting Toys for Tots with our annual toy drive. A good number of items were collected that will be distributed by our United States Marine Corps to children that would normally go without. If you missed your opportunity to give at this meeting, you can still find a Toys For Tots drop box at any of the Phil Long dealerships around Colorado Springs.

Last month Kris Essex with InsulFoam gave a great presentation on EPS envelopes and our Table Top Sponsor Luke Bleichrodt with RW Specialties brought some great displays of barn wood and door products. Speaking of Table Top sponsorships, we still have a couple opportunities in the spring. If you would like to be a sponsor please contact me and we will get you set up.

This month the board is reviewing the bylaws. No revisions have been made by the board at this time. We will send them out to the general membership to look over as well. We will do this on an annual basis going forward. If you see something in the bylaws that you would like the board to consider amending, please let us know.

As we enter the new year the board and I will continue to work on providing great educational and networking opportunities. In January, our presenter will be Stephanie Beninati from Strategic Insurance Services. In February, we have a roundtable discussion scheduled. Look forward for more information coming out on both of those events here in the next couple months.

Lastly, don't forget that CDT Certification Exam registration will begin again for the Spring exams in January. Our chapter will be offering a free 10 week exam prep class and I highly recommend it to anyone interested in sitting for the exam. Please see the last page of this newsletter for additional information on CSI certification exams and the value they offer.

May you all have a Merry Christmas and prosperous New Year!

Manny Mungaray
Pikes Peak Chapter President

Pikes Peak Chapter

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December, 2018

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SECTION 00 12 25
CHRISTMAS TREES

PART 1 - GENERAL

1.01 SUMMARY

- A. Section Includes:
 - 1. Christmas Tree, preferably fresh cut
 - 2. Tree Stand
 - 3. Ornaments
 - 4. Lighting
 - 5. Tinsel
 - 6. Garland
 - 7. Seasonal Holiday Music
 - 8. Tree Skirt

1.02 QUALITY ASSURANCE

- 1. Contractor shall have minimum of twenty (20) years experience in observing and assisting in selection of trees and correct installation.

1.03 PROJECT CONDITIONS

- A. Selection:
 - 1. Site conditions as follows:
 - a. Temperature: 20 F or lower.
 - b. Wind Chill Factor: -20 F or lower.
 - c. Ground Conditions: Minimum of 6" of snow on ground preferred but not required.
 - d. Lighting: 10 footcandles or more of natural sunlight or Christmas type of festoon lighting.
- B. Installation:
 - 1. Site conditions as follows:
 - a. Temperature: 68 F plus or minus 2 F.
 - b. Lighting: 30 footcandles.
 - c. Seasonal holiday music in the air (live, tape, CD).

PART 2 - PRODUCTS

2.01 ACCEPTABLE MATERIALS

- A. Tree: Suitable evergreen variety of spruce or fir. Tree must be full with symmetrical branches. Fill in branches attached by bailing wire, nails, or other means are not acceptable. Brown, dead trees or dead trees painted green are also not acceptable.

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- B. Tree Stand: Metal, red and green painted finish. 1 –1/2 quart water reservoir. Four (4) set screws aligning / retaining pins. Flimsy plastic or wood crossboard with center nail tree stands are not acceptable.
- C. Ornaments: Multi-colored, fabricated from glass, plastic, metal, silk, styrofoam or gingerbread. Handmade ornaments constructed of bits of felt, sequins, etc., and glue are required if children or grandchildren are available. Ornaments with special meaning handed down from generation to generation are optional.
- D. Lighting: Festoon strings of C-7, bubble or twinkle lights. Green insulated conductors with plastic bulb sockets are connected via plugs and sockets at either end of conductors. Rated for 120V, 60 Hz power.
- E. Tinsel: Aluminized mylar strips. Used wrinkled tinsel from previous tree projects will not be acceptable.
- F. Garland: Plastic or mylar in lengths of eight (8) foot or greater. Popcorn and cranberries on string may be used when produced by children or grandchildren. Butter or oil soaked popcorn is not acceptable.
- G. Tree Skirt: Hand made of yarn or other suitable craft material handed down from previous generation(s). Store bought type not acceptable.

PART 3 - EXECUTION

3.01 EXAMINATION

- A. Tree: Verify that tree is free from vermin and insects which may come to life at site temperature.
- B. Ornaments: Verify that ornaments are equipped with wire hooks and connecting rings. Bobby pins, bent paperclips, and string ties are unacceptable.
- C. Lighting: Verify that all lamps are operational and conductor socket assemblies are free of shorts and exposed wires. Conduct examination on insulated surface with trained cardiopulmonary resuscitation assistant in attendance in case of accidental electrocution.

3.02 INSTALLATION / ERECTION

- A. Install tree in location as directed by Project Manager (wife). Consult with Project Manager as to orientation for best effect. Align tree in vertical true upright position by use of set screw pins in tree stand.
- B. Install lighting equipment in neat and uniform manner. Do not locate lamps closer than 6" from end of branch and maintain 18" spacing. Notify utility company before energizing system. Obtain approval of Project Manager for lighted assembly before proceeding.

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- C. Install ornaments in orderly manner. Small ornaments at top of tree and larger ornaments at bottom of tree. Locate angel at highest point of tree: NOTE: If child labor is used for this phase of project, provide 10% additional material to allow for breakage. Ornaments of special value shall be installed by a trained technician.
- D. Arrange tinsel on surface of tree in a uniform pleasing manner, applying one (1) strand at a time. Clump throwing is not permitted.
- E. Garland is to be wrapped around tree in pleasing manner in lifts of not more than 16" or less than 12". Swag effect is acceptable.
- F. Install tree skirt under tree at end of project after removal of pine needles and broken glass. Place such that tree skirt covers all of tree stand allowing a place for filling of tree stand reservoir at back of tree.

3.03 PROJECT CLEANUP / CLOSEOUT

- A. Thoroughly clean tree installation site, removing pine needles and broken glass.
- B. Instruct users of tree as to location of power supply and control. Demonstrate location and method of filling water reservoir.
- C. Warranty tree for a period of thirty (30) days or until all needles drop, whichever comes first.
- D. Set up project sign, fabricated from white cardboard with red and green letters with the following message.

MERRY CHRISTMAS

00 12 25-3

CSI Certificate/Certification Program

CSI is the construction community's authority on communication and construction documentation.

Through CSI's Certificate/Certification Program, you can develop a conceptual understanding of the entire construction process and concrete skills in:

- Construction documentation development and administration
- Specification writing and enforcement
- Product research and sourcing
- Communication with the design and contracting teams



CDT

CSI's Construction Documents Technologist (**CDT**) program has provided foundation training in construction documentation for architects, contractors, contract administrators, specifiers, and manufacturers' representatives for decades. As the cornerstone of CSI's certification program, it's also prerequisite to CSI's advanced certification exams.

Getting your CDT means:

- Understanding how a project unfolds from conception to delivery
- Understanding the documentation involved

CCCA

A CSI Certified Construction Contract Administrator (**CCCA**) develops, administers and enforces construction documentation.

Getting your CCCA means:

- Developing an in-depth understanding of quality assurance and quality control
- Having advanced skills in bidding and negotiating procedures
- Developing skills in construction observation and inspection
- Understanding Division 01, General and Supplemental Conditions, agreements, and all other documents related to the project
- Understanding enforcement and liability

CCS

A CSI Certified Construction Specifier (**CCS**) is a skilled product researcher who knows how to investigate and identify cost-effective, efficient solutions, and then communicate those solutions through the specifications.

Getting your CCS means:

- Developing an in-depth understanding of agreements, conditions of the contract, Division 01, and their relationships to specifications
- Having advanced skills in specification development, enabling you to write specs and use spec-writing software more effectively
- Understanding how to research and source products

CCPR

A Certified Construction Product Representative (**CCPR**) is a trusted advisor, a valued resource called upon by the design team again and again.

Getting your CCPR means:

- Making sales calls, presentations, construction meetings, and product shows more effective
- Knowing the parts of construction product marketing collateral that are of most interest to designers and contractors
- Understanding roles and responsibilities of everyone involved in the project, and how and when to communicate with them
- Understanding all phases of the construction documentation, and your role in each phase
- Speaking the same language as the design and contractor teams

Learn more, or register for an exam at [CSIResources.org](https://www.csiresources.org).