



Smoke Signals

August 2006
Volume 3
Issue 8

News and information from
Tremco's Fire Protection Systems Group

Helping Contractors Win...
TREMstop
Fire Protection Systems Group

Building Alliance Creates a Win-Win Situation

In a world increasingly dominated by big-name corporations, there are a few individual- and family-owned construction companies navigating the daunting world of big business while remaining committed to their local roots, and enjoying success because of it.

Screws and More, LLC (SAM) is doing just that. The Elmsford-based screw and specialty construction product distributor is making a name for itself in the world of New York construction, while maintaining a familiar, local approach to their business. After the company expanded to distribute not just screws, but a wide range of specialty construction products, including firestopping, SAM is enjoying an even broader reach in the tri-state area and beyond. SAM most recently landed an impressive deal with one of the premier contractors on the east coast, Component Assembly Partners, to provide firestopping materials for seven major Manhattan projects.

SAM and Component Assembly Systems, a major carpentry, drywall and acoustical specialty contractor, turned to Tremco for the firestopping



Park Plaza Hotel: NYC, New York

spray, intumescent caulk and acrylic needed to prepare each of its seven major Manhattan projects to meet the firestopping requirements in the building code.

Component Assembly's current projects include: 1 Bryant Park, 40 Bond Street, 200 Chambers Street, 15 Central Park West, 170 East End Avenue, The Clariton and The Park Plaza.

Component Assembly Partners was attracted by SAM's competitive edge and impressive variety of TREMstop firestopping materials, but it was also interested in its WBE designation, a rarity in the male-dominated world

of construction.

Andis Woodlief, Managing Member, brought in partner Al Guippone in 2004. The two have worked to expand their customer and product base, and this latest work with Component Assemblies is just one example of success they have enjoyed.

Al Guippone, who has 20 years of experience selling firestopping materials, looks not only to the business this will open SAM up to, but also to the larger picture of fire safety today. It's extremely satisfying to work with a company with such a fine reputation as Component. But it's even more satisfying to contribute to safety in commercial construction in New York."



Eco Tower: NYC, New York

Technical Services Department

Using All Hollow-Core Floor Systems to a Competitive Advantage

By Tim M. Mattox

Since my beginnings with Tremco, there have been many suggestions relative to the systems that we need to obtain in order to be competitive. Of these requests, there are several that are common across the submitters. One, in particular, stands out regularly as a critical need.

The application I am referring to is for hollow-core floors.

The purpose of this letter is to inform you that you may have more hollow-core systems than you realize. Most people that venture into the UL Directory do so with a glaze over their eyes, and rarely do they make it past the Listings to the Introductory

Section. Understandably so, because the 2 volumes of the 4 volume set that incorporates fire-rated joint systems and through-penetrations firestops fill nearly 3000 pages with 8-point font. Not exactly something to relax by the fire with- that is unless you are Rick Reuss.

Continued on Page 2

A while back, UL decided to do something out of the ordinary and freely provided a broad-scope evaluation to conditionally allow hollow-core floor penetrations for all solid floor penetration applications. Those conditions are as follows:

(1) The thickness of the hollow-core floor is required to be equal to or greater than the minimum concrete thickness specified in the system.

(2) The maximum size of the opening is 7 in. diameter or 7 in. by 7 in.

(3) Any cores of the precast concrete units penetrated as a result of the firestop system are required to be sealed with a minimum 4 in. depth of either firmly packed minimum 4 pcf mineral wool or ceramic fiber blanket, or concrete, grout or mortar.

The exact reference is provided below, which can be found in the Introduction Section of the Through-Penetration Firestop Category of the UL Fire Resistance Directory.

Some firestop systems specify the use of hollow-core precast concrete

unit floor assemblies. **Where not specified**, firestop systems utilizing caulk, sealant, putty or spray materials installed over a mineral wool or ceramic blanket may be installed in hollow-core floors, provided that (1) the thickness of the hollow-core floor is equal to or greater than the minimum concrete thickness specified in the system, (2) the maximum size of the opening is 7 in. diameter or 7 in. by 7 in., and (3) any cores of the precast concrete units penetrated as a result of the firestop system are sealed with a minimum 4 in. depth of either firmly packed minimum 4 pcf mineral wool or ceramic fiber blanket, or concrete, grout or mortar.

Additionally, firestop systems utilizing a firestop device or wrap strips/steel collar installed around the penetrant beneath the floor may be installed in hollow-core floors, provided that (1) the thickness of the hollow-core floor is equal to or greater than the minimum concrete thickness specified in the system, and (2) the maximum size of the opening is 7 in. diameter or 7 in. by 7 in.

As you can see, this is applicable towards all through penetration systems that indicate concrete floors. If you need to carry a full copy of the Introduction Section with you to validate this, I can provide the link to the Introduction Section referenced above. If you follow the procedure below, it will take you to this document. I hope you find this beneficial:

Open your web browser.

Enter www.ul.com in the address line.

Under "New to UL?", click on the link to "Online Certifications Directory"

In the search box titled "UL Category Code", enter "XHEZ" and click the search button.

The top table entry should be called Guide Information. Click on the XHEZ.GuidelInfo link in the right-most column.

The Hollow-Core language is in paragraph 12.

Around Tremco Fire Protection Systems Group: Project Highlight

Project Name: Cabell Huntington Hospital, North Patient Tower

Location: Huntington, West Virginia

Contractor: Smith and Oby

Distributor: Marco Supply

Products Used: TREMstop IA, TREMstop CIP Pass Thru Plastic, TREMstop CIPC Water Closet

Tremco Sales Representative: Matt Hollingsworth

The Cabell Huntington Hospital North Patient Tower is a five-story, 187,000 square foot facility that will double the size of its Emergency/Level II Trauma Department. The \$84 million facility is scheduled to be completed in October 2007.

Smith and Oby needed a user-friendly

cast-in-place solution for large diameter pipes without a long lead-time. Tremco and Marco Supply had the solution: The new TREMstop CIP Pass Thru.

Tremco is the only firestop manufacturer to offer standard cast-in-place solutions for 8" and 10" diameter pipes. By choosing Tremco, Smith and Oby could use one method of firestopping all the pipes running through the floors without having to order custom pieces or go back and firestop the large penetrations using a different product.



Cabell Huntington Hospital, North Patient Tower

News from Tremco

Office Closings:
Labor Day
September 4, 2006

An **RPM** Company

TREMCO
Trusted Supplier of Weatherproofing Solutions Since 1938