

# J O B   P R O F I L E

*The Building  
Envelope  
Company*

## 909 WALNUT FIDELITY TOWER Kansas City, Missouri



PROJECT SIZE	16,000 Sq. Ft.
PROJECT LENGTH	July 2005 - October 2005
CONTRACTOR	Vincent Roofing Company of Kansas City, MO
ARCHITECT	Jeffrey L. Bruce & Company of Kansas City, MO
DECK TYPE/INSULATION	Concrete
INSULATION	Lightweight Concrete
BASE SHEET	Sopralene Flam 180
CAP PLY	Sopralene Flam 250 GR
FLASHING(BASE)	Sopralene Flam 180
FLASHING(CAP)	Sopralene Flam 250 GR

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### 909 WALNUT FIDELITY TOWER Continued

As the tallest apartment building in Missouri, the 909 Walnut Fidelity Tower Building has been refurbished to provide thirty-four floors of beautiful, spacious luxury suites for high rise living. Originally built in 1931 as a bank, the tower also offers prime office space. Connecting the 909 Walnut Tower and the 929 Walnut Building (another of the many buildings being revitalized in downtown Kansas City), is a new eight-story parking garage with an amenity on it's roof most apartment owners could only dream of.



Atop this new parking garage is a lush garden which will provide an outdoor and community space that most others in high rise living have to find at a nearby park. This rooftop garden is yet another example of the 'green roofs' that are popping up throughout Kansas City. "And they're as practical as they are attractive," says Jeffrey Bruce of Jeffrey L. Bruce & Company, a landscape architecture firm in Kansas City, Missouri. "They act as a great insulator, reduce storm run-off, dampen noise and can even lengthen the life of the roof." Mr. Bruce should know; his company was responsible for the design of 909 Walnut's rooftop garden and is one of the premier landscape architectural firms in the nation specializing in green roofs.

Vincent Roofing Company (Since sold to JB Turner and Son's) had the important job of waterproofing the roof before installation of the green roof system and landscaping. The three week project of waterproofing the roof, which included extensive flashing, began with the application of a Sopralene 180 base sheet and Sopralene GR 250 cap sheet. Then a flood test was performed for 48 hours to test the waterproofing for leaks. "This garden captures 75% of annual rainfall for use by the plants-that's a lot of help with storm water permitting," noted Mr. Bruce. "It was essential a superior waterproofing system was in place-with SOPREMA products, we're able to offer the building owner a 20-year warranty while protecting the waterproofing from damage." On a hot city afternoon, the residents and office tenants of 909 Walnut can be seen stepping outside for a stroll or relaxing eight stories above the city in the relative calm of the most beautiful parking garage in all of Kansas City.

