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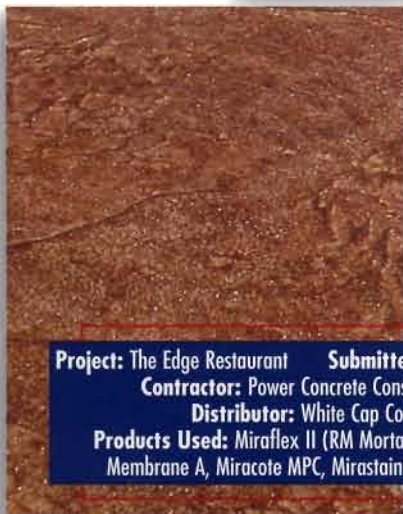
# MIRACOTE<sup>®</sup> SOLUTION

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## The Edge Restaurant Sports Unique Look on Outdoor Deck

The Edge is a newly constructed sports bar and restaurant situated in Coralville, Iowa, right in the heart of the state's "Football Frenzy" Territory. Major clientele of The Edge include University of Iowa Hawkeye fans, as well as sports enthusiasts who come in to watch their favorite teams on one of the facility's many big screen TVs.

the outdoor plywood decking. This space was chosen as the most desirable solution to absorb the additional patrons on busy nights, since it presented a comfortable, appealing environment for diners on warm evenings and it was perfect for absorbing the overflow crowds on busy nights all year long.



### The Challenge

Typically, Friday through Monday are the busiest days at The Edge, presenting a challenge for the facility managers to effectively manage the overflow crowd – a challenge every sports bar wished they had!

To improve the bar's aesthetics and appeal for patrons, they decided to update

To maintain the design elements throughout the facility, the owners wanted to extend the same ceramic tile floor from the dining room to the deck. However, the existing deck had no slope and ran parallel with the dining room floor, which eliminated the possibility of installing ceramic tile due to the costs associated with excessive substrate buildup and repair.

It was critical to the owners that an alternative decorative flooring system be

**Project:** The Edge Restaurant    **Submitted by:** Joe DiMaio, John Thomas  
**Contractor:** Power Concrete Construction / Dan Power  
**Distributor:** White Cap Contractor Supply  
**Products Used:** Miraflex II (RM Mortar III, Galvanized Metal Lath, Membrane A, Miracote MPC, Mirastain II and HD II Matte Sealer)



found that would complement the elegance of the surrounding cultured stone parapet walls and the building's exterior. Seeking a solution, they contacted Dan Power, the president of Power Concrete Construction and a well-known specialist in the field of decorative concrete and cementitious overlays on plywood.



### The Solution

Shortly after meeting with owners of The Edge, Dan attended a Miracote product training session held at White Cap Contractor Supply in Iowa City, Iowa. There he learned from the Miracote sales and technical team about the latest flooring and decking systems that Miracote had to offer, as well as the unique yet versatile product applications. Impressed with the presentation and product support, Dan brought The Edge project to the attention of Miracote and White Cap staff and asked for recommended solutions. After careful review of the Miracote product offerings, coupled with his familiarity of the owners' desires, Dan presented Miraflex II as the most viable solution. The Edge owners agreed and gave the go ahead for the project.

### The MIRACOTE Action

The project began in the middle of summer with the Power Concrete Construction crew given one week to complete installation of the Miraflex II System. With daytime temperatures soaring to the mid-90s, the restaurant's air conditioner, located on the rooftop, was in constant operation. The high humidity and ever-changing wind conditions created the potential for a random thunderstorm every day. The deck and work areas were kept dry by using polypropylene plastic sheet goods overhead and surrounding the perimeter. To ensure maximum working time of the product, the crew started work in the mid-afternoon to maximize the shade on the deck surface, which faces east.



Roofing felt was placed on the treated plywood to isolate the Miracote RM III (underlayment and repair mortar) prior to placing the underlayment. Galvanized metal lath #2.5 was then anchored to the deck with roofing staples. The RM III, extended with extra sand, was screed applied over and worked into the lath and sloped from the

outside restaurant wall to the parapet wall to achieve adequate slope to drain. RM III bulked with additional sand is ideal for slope and pitch applications, and provides a Class A Fire Rating as well as a smooth and void free surface. Once the RM III cured, two coats of Membrane A were roller applied at 25 mils each to ensure maximum waterproofing and crack isolation capabilities.

The following day, two lifts of Miracote MPC White, a tough, durable, two component, polymerized cementitious overlayment designed to accept high pedestrian traffic was trowel applied.

The third and final coat of MPC was applied using the "slope troweled and knock down" application technique that resulted in a finished texture and appearance similar to limestone. The next day, various standard colors of Mirastain II, specifically selected to

accent the surrounding cultured stonewall, were roller applied over the MPC in several coats. On the last day of the project, two clear coats of Miracote HD II Matte Sealer, a UV resistant acrylic, were roller applied to provide the ultimate in weathering and abrasion resistance.

Upon completion of the project, the restaurant owners were delighted. Not only was it done on time, the overall aesthetic appeal of the system exceeded their expectations. The end result is another overwhelming victory for the winning team of Power Concrete Construction, White Cap Contractor Supply and Miracote!



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