

ConQuest

FIRE SPRAY

FIRE RATED DUCT SOLUTIONS

Phone: 586.576.7600 • Fax: 586.576.0850 • www.Conquest-Firespray.com
sales@Conquest-Firespray.com • 28408 Lorna Ave. • Warren, MI 48092

AT NEW FLORIDA MARLINS BALLPARK, FIRESPRAY'S INNOVATIVE DUCTWORK SOLUTION SAVES TIME, SPACE AND COST

MIAMI, Fla. – An innovative fire-rated ductwork solution from Firespray International has saved time, cost and space for the state-of-the-art [Florida Marlins Ballpark](#) in Miami.

Fast-track installation of over 100,000 square feet of Firespray's Flamebar BW11 fire-rated smoke exhaust and stair pressurization ductwork systems has been completed on schedule at the Major League Ballpark.



Under construction on approximately 17 acres of the historic 42-acre Orange Bowl site in the Little Havana section of Miami, the new sporting venue will feature 37,000 seats and encompass 928,000 square feet. A three-panel operable roof system will cover the natural grass playing field and seating terraces. Designed by architecture firm Populous Inc. in an open-ballpark configuration, the ballpark features operable roof panels that will rise over a grand plaza, creating an entertainment entry district. When the roof and outfield wall are retracted, the interior space will transform and the seating terraces will be open to the sky.

The Flamebar BW11 galvanized steel ductwork was a value-engineered solution that provided significant cost saving, gained the design team much-needed space and eased both the scheduling and management tasks associated with the system's installations, according to Firespray Vice President Joe Vincenti.

“Specifications initially called for steel ductwork with two layers of ceramic firewrap insulation rated for two-hour fire protection,” Vincenti said. “Flamebar BW11’s

fire-rated ductwork systems, with factory-applied Flamebar BW11 coating, reduced site time and total cost by eliminating the need for fire wrap,” he added.

Flamebar BW11 smoke exhaust and pressurization systems for Florida Marlins Ballpark were supplied by Firespray International licensee United Firespray and installed by contractor United Sheet Metal. Design engineer for the mechanical systems in the ballpark is M-E Engineers.

“By eliminating the requirement of wrapping the ductwork following its installation, Firespray’s approach allowed the trades that follow ductwork installation to commence immediately, ultimately saving time at the site,” said Louie Lassetter, MEP Coordinator with the ballpark’s Construction Manager, Hunt/Moss, A Joint Venture.

“The project team gained more than four inches on each side of the ductwork, a crucial advantage in tight areas that must accommodate a host of other mechanical systems,” said Roger Loomis, principal with [M-E Engineers](#).

[Flamebar BW11](#) smoke exhaust and pressurization systems are fully compliant with the International Mechanical Code (IMC) and Uniform Mechanical Code (UMC). [Firespray International](#) is recognized worldwide in the design and manufacture of specialized fire ducting systems in a diverse range of industrial sectors, including fire-rated ductwork (smoke exhaust, pressurization, lab exhaust, car park exhaust, risers in multi story buildings, etc.) and commercial kitchen extract duct work. For further information and system documentation, contact Conquest Firespray, LLC, at 586.576.7600 or email sales@Conquest-Firespray.com.

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