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PRESS RELEASE

For Immediate Release

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A TALE OF TWO FASCIA SYSTEMS:

Metal-Era's ANSI/SPRI ES-1 Tested Fascia Outperforms Other System

Waukesha, WI—Metal-Era, Inc., the national leader in commercial roof edge and roof ventilation solutions, announces that the performance of its [Anchor-Tite Standard Fascia System](#) was successfully tested during a severe thunderstorm in Wittenberg, WI, which damaged many other surrounding buildings.

On July 20, 2010 a severe thunderstorm hit Wittenberg, WI. The area experienced straight line wind gusts of 70 to 80 miles per hour. Among the buildings damaged, was the roof of [Wittenberg-Birnamwood High School's](#) main facility. Fortunately, their adjacent aquatic center remained untouched.

Before the Storm

The existing roof for the school's main facility featured a contractor fabricated fascia system. Then in 1998, the school built an adjoining facility, what was to become the Darwin E. Smith Community Aquatic Center and selected Metal-Era's Anchor-Tite Standard Fascia as their roof edge. 744 total feet of the extruded, snap-on fascia were installed.

Standing Up to Mother Nature

When the summer storm arrived with powerful wind gusts the Aquatic Center was able to withstand the storm's punishment, yet the main high school facility received significant damage.

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The adhered EPDM roof blew off when the fascia and gutter began to fail. In the end the storm claimed the entire roof system, all the fascia and gutter. As a result, storm water ruined the gym floor, the commons area and auditorium, as well as some computers.

[Maurer Roofing Company](#) was immediately awarded a contract to provide repairs to the roof, which included a complete reroofing. Repairs to the interior were still in progress once school started. This caused a number of challenges for the staff, teachers and students such as increased noise level and finding alternate locations for physical education classes and volleyball matches. The total cost of repairs and replacement of not only the building's roof system, but its interior and the assorted collateral damage was quite substantial for this small school district.

An Explanation for Different Results

Luckily, the damage was confined to only the high school building. The Anchor-Tite Standard Fascia on the adjoining Aquatic Center did not fail and was able to keep the entire roof secure.

There may be a variety of factors contributing to the difference in performance, however, using [RICOWI](#) (Roofing Industry Committee on Weather Related Issues) research, they have found that "Since 2003 the International Building Code (IBC) has required that edge metal be designed and installed in accordance with ANSI/SPRI/ES-1. Compliance with the standard could significantly reduce the wind damage." Anchor-Tite Standard Fascia, like all of Metal-Era's roof edge systems is ANSI/SPRI ES-1 tested to a design pressure of 290 psf. This performance standard is widely recognized throughout the industry as a way to ensure a quality roof edge. It also features the industry's most comprehensive warranty coverage with a [Lifetime, 170 mph Wind Warranty](#).

Further Storm Defense

To guard against future storm damage Wittenberg-Birnamwood High School chose Metal-Era's ANSI/SPRI ES-1 tested fascia and gutter to replace what was lost on the high school's main facility.

For more information visit Metal-Era's website, www.metalera.com, or call 800-558-2162.

About Metal-Era, Inc.

Since 1980, Metal-Era has been committed to unequalled service in the industry, and has provided a wide selection of engineered roof edge systems designed to meet the roofing industry's strictest standards. In 2006 Metal-Era introduced an innovative line of airflow products, to provide commercial buildings with proper intake and exhaust venting. Metal-Era employees and its nationwide network of over 350 experienced representatives and distributors are dedicated to providing superior products and personalized service. For more information about Metal-Era, visit www.metalera.com.

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