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Tremco Barrier Solutions Introduces Permanent, Fully-Adhered Weather-Resistant Barrier for New Home Construction

New Enviro-Dri™ Weather Resistant Barrier Provides More Effective Sheathing Protection than Housewraps

Columbus, Ohio – July, 2009 -- Tremco Barrier Solutions, Inc., North America's leading provider of below-grade moisture management systems for residential new construction, recently announced the availability of the Enviro-Dri™ Weather-Resistant Barrier System ("WRB"), a fully- and permanently-adhered membrane applied directly to the sheathing system on new homes. New Enviro-Dri WRB is designed to block the passage of liquid moisture through the home's sheathing system, while providing breathability to allow moisture trapped within the walls to escape. In addition, new Enviro-Dri WRB is an exceptional barrier to air infiltration, outperforming housewraps in preventing both uncontrolled moisture entry into, and air leakage through, the sheathing system and wall cavities. "As experts in the development, manufacture and marketing of barrier systems for new home construction, we recognized an opportunity to provide the market with a better

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alternative to currently-available housewraps. The Enviro-Dri WRB System is a much more effective alternative to housewraps, both for builders and for homeowners,” reports General Manager Mark Patterson. “For example, housewraps are fastened to the sheathing with staples or nails. With each staple or nail, the installer is creating a hole through which air and moisture can reach the unprotected sheathing. Once air or moisture penetrate the housewrap’s surface, it can travel anywhere along the face of the sheathing, allowing moisture or air to compromise the integrity of the house envelope. Enviro-Dri WRB, on the other hand, is a liquid membrane applied directly to the sheathing. No staples or nails are needed to attach it to the sheathing. By that single design standard, the Enviro-Dri Weather-Resistant Barrier System provides an uninterrupted, seamless protective barrier for the home, and a much more effective solution to moisture and air infiltration, during and after construction.” As for system benefits, Patterson continues, “For builders, that means a more reliable system, reducing air and moisture leaks through the sheathing system, and eliminating the callbacks to repair damaged housewrap before the exterior cladding system is installed. For homeowners, the system creates a drier, more comfortable and energy-efficient interior environment.”

Tremco Barrier Solutions leveraged over 25 years of leadership in asphalt-emulsion

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technology in the development of this new system. “We understand how to employ the best characteristics of asphalt emulsions to design systems that really work well in managing moisture,” says Jim Wells, PhD, Technical Director for Tremco Barrier Solutions. “That’s been proven in our success with the TUFF-N-DRI® Basement Waterproofing System, the top brand of waterproofing for new construction for more than a decade. Our company’s vision was to deliver to the residential new construction market a system, like TUFF-N-DRI, that provided exceptional performance in helping to keep the interior of the home dry and comfortable.”

Simply taking the TUFF-N-DRI membrane up the exterior wall was not an option, states Wells. “The emulsion technology engineered into the Enviro-Dri WRB System membrane is very different than that of waterproofing membranes. One critical obstacle we had to overcome was the vapor permeability requirement. Waterproofing membranes have very low permeability, which makes them perfect as below-grade waterproofing membranes. But the low permeability characteristic is not suited to the requirements for an above-grade weather-resistant barrier. We had to design a system that allowed the membrane to ‘breathe’, block water entry, and be tough enough to hold up to direct exposure to sunlight for an extended period of time. We understand the technology needed to accomplish those objectives. It’s that type of emulsion experience that sets Tremco Barrier Solutions apart from other companies.”

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The Enviro-Dri Weather-Resistant Barrier System is comprised of two integrated components that work as a unit to seal the face of the exterior sheathing (Enviro-Dri Field Membrane) and the joints between sheathing panels (Enviro-Dri Joint Sealant). Additionally, we provide Enviro-Dri Counterflashing fabric to act as a watershed at the junction of the bottom of the wall and the top of the foundation. The Enviro-Dri Counterflashing Fabric is also used above window and door rough openings, as well as at roof-wall junctures, to ensure an uninterrupted downward flow of moisture from the exterior sheathing system. The Enviro-Dri WRB System is installed by trained Tremco Barrier Solutions Select Contractors, who are skilled at managing moisture through the home envelope. “Our contractors are the most vital element in the successful installation of this new system,” states Patterson. “They have first-hand experience and understanding of the importance of installing barrier systems correctly. In fact, our homeowner satisfaction rating of over 97% is a testament to their thoroughness and professionalism. Just like builders and homeowners, they don’t like leaks.”

To learn more about this new system, contact Tremco Barrier Solutions at 1.800.876.5624, or on the web at www.tremcobarriersolutions.com.

About Tremco Barrier Solutions

Industry leader Tremco Barrier Solutions, Inc. has been providing Guaranteed Dry

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Basements for more than 25 years with the proven TUFF-N-DRI® Basement Waterproofing System. With WATCHDOG WATERPROOFING®, the Horizon™ Foundation Finishing Systems, DrainStar® Stripdrain and DrainStar® Z-Drain also included in our growing family of products, Tremco Barrier Solutions protects the comfort, health and financial investment of today's homeowners. All products are installed by a national network of local Barrier Solutions Contractors. For more information on Tremco Barrier Solutions products, call **800-DRY-BSMT** or visit **GuaranteedDryBasements.com**.

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