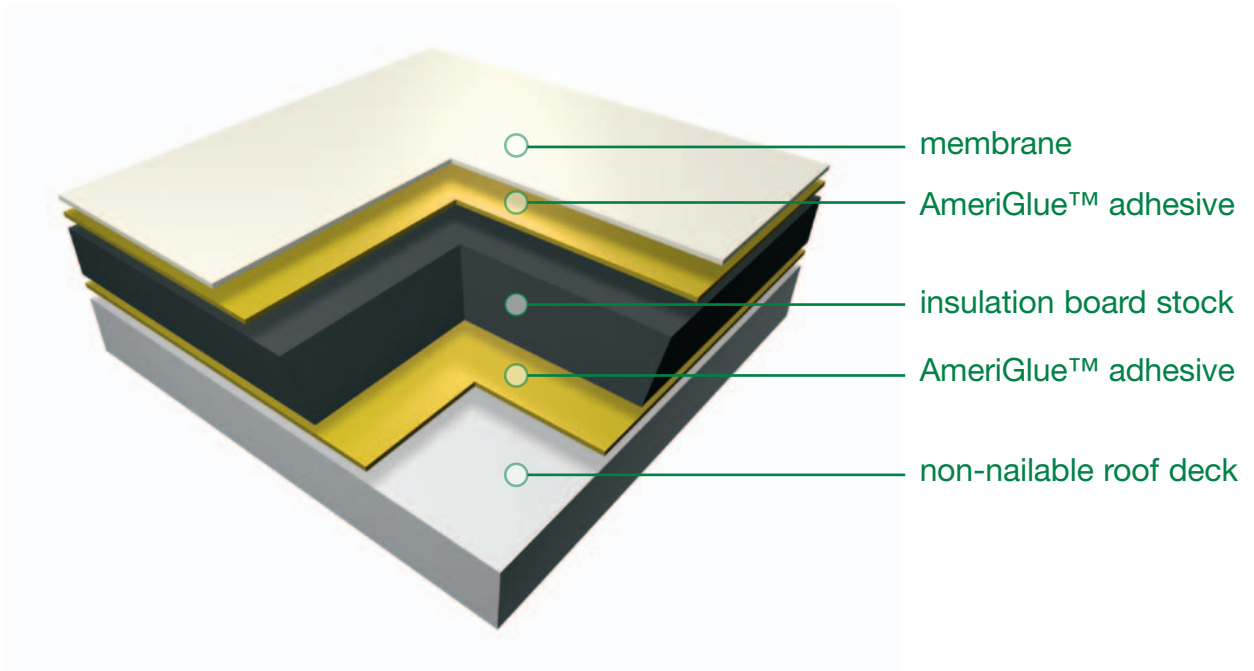


**Roofing doesn't have  
to be this painful...**



...because AmeriGlue™ polyurethane insulating adhesive makes screws and fasteners a thing of the past



BASF offers AmeriGlue insulating adhesive for roofing without nails or screws so you won't make holes in a leak proof roof.

**The result?** Fully adhered roofing that will protect building interiors for your present and future customers.

“Incorporating AmeriGlue adhesive into our roofing mix has absolutely helped our business. It helps us bid on and win more jobs, and it helps us to get them done quickly and more efficiently.”

Andy Sheridan, estimator and project manager, Apple Roofing, Syracuse, NY

More and more roofing specifications are calling for the fully adhered AmeriGlue adhesive approach over mechanical fasteners. Contractors who install traditional single-ply systems – including PVC and EPDM – using AmeriGlue insulating adhesive are finding they have a distinct business advantage over their competition.

Installed up to 75 percent faster<sup>1</sup> than traditional mechanically-fastened systems, AmeriGlue adhesive helps lower labor costs and provides an almost-silent application for reduced disruption to building occupants.

AmeriGlue low-rise, two-component polyurethane adhesive fully adheres to most building materials, including non-nailable decks like concrete or gypsum. And while mechanical fasteners often add to thermal bridging, the seamless, monolithic AmeriGlue adhesive eliminates this temperature transmission to provide improved building energy efficiency and durability.

For most applications, AmeriGlue adhesive is sprayed directly to the deck and the insulation board stock is placed in the foam before it rises and sets. The board stock can then be sprayed with another pass of adhesive, and the membrane system laid overtop.

Spray-applied and expanding, AmeriGlue polyurethane adhesive fills gaps and seams between insulation boards to enhance the integrity of the system and recover the R-value loss these gaps can cause, while each 1/16 to 1/18-inch-thick layer provides additional insulation and waterproofing performance to the roof assembly.

| Criteria          | AmeriGlue™  | Mechanical Fasteners   | Hot Asphalt   |
|-------------------|---|--|---|
| Installation      | <ul style="list-style-type: none"> <li>■ Up to 75% faster than mechanical fasteners</li> <li>■ Emits no VOCs</li> <li>■ Almost silent application for occupied buildings</li> <li>■ Large area can be applied without relocating equipment</li> </ul> | <ul style="list-style-type: none"> <li>■ Hammer drilling and pre-drilling require increased labor</li> <li>■ Noisy pounding can disturb occupants</li> </ul> | <ul style="list-style-type: none"> <li>■ Difficult to set up for higher elevations</li> <li>■ Can be responsible for occupant complaints about offensive odors</li> <li>■ Frequent relocation of equipment on roof</li> </ul> |
| Energy Efficiency | <ul style="list-style-type: none"> <li>■ Seamless, monolithic application provides additional insulation</li> <li>■ In-fills gaps between insulation board stock</li> <li>■ Eliminates thermal bridging</li> </ul>                                    | <ul style="list-style-type: none"> <li>■ Can contribute to thermal bridging</li> </ul>   | <ul style="list-style-type: none"> <li>■ Does not contribute to roof system insulation levels</li> </ul>  |
| Deck Type         | <ul style="list-style-type: none"> <li>■ Tenacious adhesion to almost all deck types including concrete and gypsum</li> </ul>   | <ul style="list-style-type: none"> <li>■ Pre-drilling required for concrete, tectum and gypsum decks</li> </ul>  | <ul style="list-style-type: none"> <li>■ Suitable for most deck types</li> </ul>  |
| Aesthetics        | <ul style="list-style-type: none"> <li>■ Invisible from building interior</li> </ul>  | <ul style="list-style-type: none"> <li>■ May penetrate visibly to interior</li> <li>■ May discolor over time</li> </ul>                                      | <ul style="list-style-type: none"> <li>■ Tar transfer soils other building surfaces</li> </ul>  |

AmeriGlue polyurethane adhesive completed testing in accordance with Underwriters Laboratories U.L.1897, Uplift Tests for Roof Covering Systems in several different construction configurations and meets the FM Approvals Standard 4470 approval requirements for securement of selected roof insulations for various Windstorm Classifications.

AmeriGlue insulating adhesive is a low-viscosity formulation that sets within two to four minutes, and is available in formulations for both hot and cold environments.

### Low-rise AmeriGlue foam renews 15-year mechanically-fastened EPDM roof for Cayuga County.

When its County Office Building in Auburn, NY, was beginning to experience leaks and interior damage, Cayuga County sought assistance from 104-year-old architectural firm, Beardsley Design Associates. The existing 13,384-square-foot roof at a 109-foot elevation was a 15-year-old EPDM system, mechanically fastened into the concrete deck.

Dave Gelsi is a senior roofing designer at Beardsley with over 35 years of experience. He specified an adhered, heat-welded Sarnafil PVC membrane for the re-roofing project and low-rise foam to attach the insulation.

<sup>1</sup> According to BASF product field testing.

“Firstly, it was a concrete deck that wouldn’t withstand the hammering and pounding and drilling of mechanical fasteners,” he said. “Secondly, at six stories high, it would be very hard to feed any other type of adhesive system, such as hot asphalt, to the roof. And finally, it was occupied, so we had to be fairly quiet and careful during the installation. Plus, the foam is very adhesive-minded – it sticks to anything and everything.”

“Apple Roofing of Syracuse, NY, was the successful bidder. The new roof is performing very well and we’ve had no reports of problems.”

“Incorporating AmeriGlue into our roofing mix has helped our business,” says Andy Sheridan, estimator and project manager for Apple. “It helps us bid on and win more jobs, and it helps us to get them done quickly and more efficiently.”

BASF offers a complete engineered building envelope system, including spray-applied polyurethane foam, a full system warranty and a single source supply of silicone, urethane and acrylic coating solutions for the commercial roofing market.



As demand for sustainable construction materials and applications continues to grow, BASF offers new cost-effective solutions, developed at extensive R&D facilities around the world.

1-888-900-FOAM

BASF Corporation  
1703 Crosspoint Avenue  
Houston, TX 77054  
Fax: 713-383-4592  
www.spf.basf.com  
spfinfo@basf.com

363-1065

AmeriGlue™ is a registered trademark of BASF Corporation.  
ZONE3® is a registered trademark of BASF Corporation.  
© 2010 BASF Corporation

