



SYNERGY SERIES LPG™ (LOW PRESSURE PROPORTIONER) SPRAY FOAM & POLYUREA COATING PRODUCT PORTFOLIO

POLYUREA – SPRAY ELASTOMERIC COATINGS

AQUASEAL™ SYNERGY SERIES - ELASTOMERIC BRIDGING POLYUREA

AQUASEAL™ is a new generation, high performance polyurea elastomer. It provides a flexible, resilient, tough, monolithic membrane offering water and chemical resistance. It is designed for filling or repairing control joints, random cracks, and voids created by spalling. AQUASEAL™ may also be used as a roofing system over polyurethane foam, or as a sealant sprayed directly to the substrate (metal, concrete, wood, geo-textile fabric, etc.)

AQUASEAL HI-RISE X3™ SYNERGY SERIES - ELASTOMERIC BRIDGING POLYUREA

ONE-STEP PROCESS



DEMO VIDEO

AQUASEAL HI-RISE X3™ (X3™) is a unique elastomer that expands approximately 300% of its original volume during the spray application. This economical waterproofing solution is typically applied in a one-step process, which reduces material and labor cost. In place yield is ± 50 mils per gallon, per 100 sq. ft. when sprayed through LOCK N LOAD™ gun. When applied to porous surfaces such as vertical poured concrete and concrete masonry units (cmu), X3™ rises to bridge substrate imperfections to virtually eliminate blowholes and pinholes. X3™ is formulated with the “ULTRA BOND™” molecule therefore is self-priming in most instances.

AQUASEAL HI-RISE X5™ SYNERGY SERIES - ELASTOMERIC CUSHIONING POLYUREA FOAM

AQUASEAL HI-RISE X5™ (X5™) is a unique elastomer that expands approximately 500% of its original volume during the spray application. The resulting foam is soft, tough, and viscoelastic, with excellent memory retention. The in place yield is ± 80 mils per gallon, per 100 sq. ft. when sprayed through a LOCK N LOAD™ gun. When applied to porous surfaces such as vertical poured concrete and concrete masonry units (cmu), X5™ rises to bridge substrate imperfections to virtually eliminate blowholes and pinholes. X5™ is formulated with the “ULTRA BOND™” molecule therefore is self-priming in most application.

AQUASEAL UB III™ SYNERGY SERIES - HIGH ADHESION ELASTOMERIC POLYUREA

AQUASEAL™ UB III is a cutting-edge, high performance polyurea elastomer invention. Unlike most spray-applied polyureas, this system has the unique capability of adhering to many polymeric substrates, both new and aged, typically without the use of primers or extensive surface preparation. AQUASEAL™ UB III is especially useful for repair of existing liners.



LOCK N LOAD™ Gun

NEW INDUSTRY INNOVATION FROM SPI

The technological advancement made with the LPG™ Proportioner technology:

Dramatically reduces pin holes and blow holes on porous surfaces, including concrete, wood and EPS.

Effectively resolves shrinkage problems normally associated with hot sprayed plural component elastomers.



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LPG™ VIDEO



POLYUREA – POUR, SELF-LEVELING COATINGS

EPL™ 1.5, EPL™ 4 AND EPL™ 9 - SELF-LEVELING POLYUREA ELASTOMERS

The EPL™ (Extended Pot Life) product series offers a durable, self-leveling polyurea with extended pot life (open-time) ranging from one and a half, to nine minutes. These polymers are ideal for filling or repairing control joints, random cracks, and joint faces. In addition, the EPL™ products are a great solution for self-leveling base coats, spot repair of existing coatings, deck and floor repairs.

SPRAY POLYURETHANE FOAM (SPF) ICC APPROVED, CLASS 1 RATED

SYNERGY SERIES ENVELO-SEAL™ 0.5 LB. IB SPRAY FOAM IGNITION BARRIER RATED FOAM

ENVELO-SEAL 0.5™ OC spray-applied polyurethane foam is a two component, low-density, non-structural insulation system designed for commercial, residential, and industrial applications. The low density nature of ENVELO-SEAL™ 0.5 OC allows for tremendous yield, while still affording critical air sealing of the home, office space, or classroom, resulting in better air quality, and an increased comfort for building occupants. Synergy Series ENVELO-SEAL™ 0.5 OC has been approved for use in attics and crawlspaces per ICC-ES AC377, Appendix A1.2.2 and Appendix X. Please contact SPI for testing credentials and further details.

SYNERGY SERIES ENVELO-SEAL™ 2.0 LB. IB IGNITION BARRIER RATED FOAM

ENVELO-SEAL™ spray applied polyurethane foam is a two component, medium-density, structural insulation system designed for commercial, residential, and industrial applications. Closed-cell polyurethane foam yields a high R-value. Minimizes air and moisture infiltration. The spray applied nature of ENVELO-SEAL™ SPF allows for tremendous sealing properties which contribute to healthier homes and workplaces. The rigid nature of ENVELO-SEAL™ increases overall structural integrity resulting in more durable structures. ENVELO-SEAL™ expands during application to provide increased performance values by sealing the building envelope. Synergy Series ENVELO-SEAL™ 2.0 CC has been approved for use in attics and crawlspaces per ICC-ES AC377, Appendix A1.2.2 and Appendix X. Please contact SPI for testing credentials and further details.

SYNERGY SERIES ENVELO-SEAL™ 2.5 - 3.0 LB. ROOFING FOAM

ENVELO-SEAL™ 2.5 roofing foam is a two-component, rigid, closed cell polyurethane system for sprayed-in-place applications. This foam is low viscosity and is specifically designed for spray operations to produce a high yield, rigid foam for roofing, tooling, molds, pipelines, tanks, foundations, fish holds, and other commercial/industrial exterior surfaces.

SPRAY POLYURETHANE FOAM (SPF)*

SYNERGY SERIES ENVELO-SEAL™ SPRAY FOAM

ENVELO-SEAL™ is a non-rated, spray polyurethane foam and is available in 1.5 – 30 pound densities. The product is a low-viscosity foam designed to produce rigid foam for tooling, molds, pipelines, roofs, foundations, fish holding ponds, water features, and other commercial or industrial exterior surfaces where a fire rating is not required.

POUR FOAM*

SYNERGY SERIES ENVELO-POUR™ FOAM

SPI ENVELO-POUR™, a low-viscosity foam, is designed for pour operations to produce rigid foam for flotation, cavity filling, structural insulation panels, and may also be used as pole-set in lieu of concrete, and other exterior surfaces where a fire rating is not required. It can be custom formulated in densities ranging from 2 to 30 pounds. This economical product is also ideal for pipeline and tank decommissioning.

*This product has not been tested for flame spread or smoke development.



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