POLYUREA – SPRAY ELASTOMERIC COATINGS

AQUASEAL TM SYNERGY SERIES - ELASTOMERIC 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

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

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. Used in applications where soft, pliable surfaces are desired. Manufacturing of items require product characteristics or concrete resurfacing. The in place yield is ±80 mils of product 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.

ELASTAFLEX™ 1.0 UB SYNERGY SERIES HIGH ADHESION ELASTOMERIC POLYUREA

ELASTAFLEX™ 1.0 UB is an aromatic polymer chemistry with greater color/gloss retention and more UV resistance than typical aromatic polyureas. It has a unique capability of adhering to both new and aged polymeric substrates without the use of a primer or extensive surface prep.

POLYUREA – POUR, SELF-LEVELING COATINGS

EPL™ 1.5, EPL™ 4 & 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.

* An independent air compressor may be required depending on your application. Please consult your SPI Sales Representative for more information.
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 POLYURETHANE 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, pipeline, mine and tank decommissioning 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.

ECO-R™SE™ SYNERGY SERIES GEO-TECHNICAL FOAM
ECO-R™SE™ is a rigid, closed cell structural foam system designed for concrete slab lifting, leveling, stabilization, and void filling. It can be engineered to any density, cream and rise. It offers structural stability with enhanced hydrolytic characteristics. Available in hydrophobic formulations, for applications with excessive water.

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