



# PROTECTIVE COATING INDUSTRY INNOVATIVE SOLUTIONS



VISIT OUR WEBSITE



## PTU™ & PTU-300 UB™

### CHEMICAL RESISTANT ELASTOMERIC COATINGS

Chemical resistant, high-strength, flexible, primary and secondary containment liner for storage tanks, pipelines, retention pits and ponds.

PTU-300 UB™ is the newest generation of PTU™, offering superior chemical resistance to short chain alcohols at a reduced product cost.

Advanced elastomer with chemical resistance superior to most epoxies. Protects the environment and extends service life.

No primer coat step. Self-priming in most instances.

The high ductility of PTU™ allows it to expand and contract with substrate movement caused by temperature changes.

Return to service within hours, not days. Widely used in the Oil & Gas, Wastewater, Mining, and Petro Chemical Industries.

## AQUASEAL HI-RISE X3™

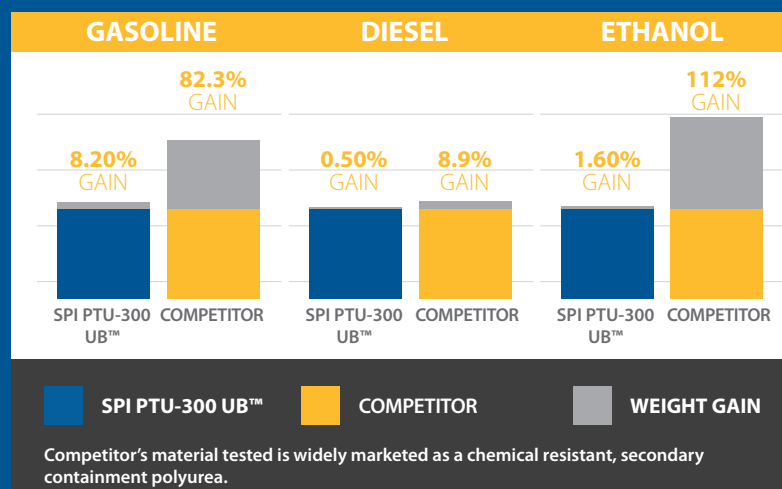
### ONE-STEP CONCRETE RESURFACING & WATERPROOFING

Expanding elastomer bridges surface imperfections to form a seamless membrane that seals and protects concrete.

One-Step resurfacing and waterproofing for porous surfaces such as poured concrete.

Reduces surface prep time and material cost. Virtually eliminates the time consuming process of applying a concrete primer, plasticized mortar filler, or dry sacking.

## 24 HOUR IMMERSION TEST



## SIPP (SPRAYED IN PLACE PIPE)

### CHEMICAL RESISTANT ELASTOMERIC COATINGS

Internal concrete and metal pipe protective linings.

Can be applied – Sprayed In Place Pipe (SIPP) or at OEM.

Forms a durable, seamless, waterproof, and chemical resistant protective liner. Won't foam like urethane and some hybrid coatings.

Elastomeric, able to move with substrate expansion and contraction. Won't crack or peel like many epoxies.

Certified Potable Water Coatings (NSF – ANSI Standard 61).

Applied with mechanical/robotic equipment.

## ULTRA BOND™ PROTECTIVE COATING SERIES

### THE DUCT TAPE MOLECULE™

This advanced chemistry breakthrough is coined “the duct tape molecule”. Much like duct tape, ULTRA BOND™ coatings continue to gain adhesion strength over time.

Reduces project material and labor cost! Provides a unique advantage by creating superior adhesion to many organic and inorganic surfaces (new or aged) without primer or extensive surface preparation. Recoat or “tie into” old coatings beyond the recoat window, without manual surface preparation, applying a primer or painstakingly removing the old liner.

#### ULTRA BOND™ PRODUCT SERIES

SYNERGY SERIES AQUASEAL-UB III™

AMP-100 UB™ (extended color retention)

DRAGONSHIELD-BC UB™ (blast mitigation)

FMJ ULTRA™ (spray-on bedliner)

K5-UB™ (extreme abrasion resistance)

HT-100F UB™ (chemical resistance)

PTU-300 UB™ (strong chemical resistance)

ULTRA BOND-100™ (superior adhesion)

ULTRA BOND-HT™ (high tensile strength)

ULTRA BOND-HT FC™ (FDA direct food contact)

WATERSAFE-UB™ (potable water NSF/ANSI 61)



#### K5™

#### EXTREME ABRASION RESISTANCE

K5™ is a unique elastomer that combines high tensile strength (>5,500 psi) and elongation (>300%) to create a durable, flexible, and extremely abrasion resistant protective coating.

Originally developed as a blast-resistant polymer, SPI's ultra high-strength K5™ polyurea is widely used in the Mining, Oil and Gas, Industrial Flooring, and Marine and Boat industries.

#### FDA DIRECT FOOD CONTACT PROTECTIVE COATING SOLUTIONS

##### ULTRA BOND-HT FC™

High tensile and elongation, high build, fast-set, pure polyurea elastomer, that is compliant with FDA 21 CFR 175 300 (c) / (d) high temperature, heat-sterilized, non-acid aqueous food contact.

Formulated with SPI's cutting-edge ULTRA BOND™ molecule. Has the unique advantage of adhering to most organic/inorganic surfaces both new and aged, typically without the use of a primer or extensive surface preparation.

##### POLYSHIELD HT-SLOW-FC™

State-of-the-art, high performance, fast-set, pure polyurea elastomer, that is compliant with FDA 21 CFR 175 300 (c) / (d) high temperature, heat-sterilized, non-acid aqueous food contact.

Slow set formula designed for broadcasting aggregates into the coating system for creating non-skid or non-slip surfaces.

#### POTABLE WATER ELASTOMERIC COATING SOLUTIONS

##### WATERSAFE-UB™

Successfully tested by an ANSI nationally accredited lab. Compliant with the test passing requirements of NSF/ANSI Standard 61 Section 5 (2011).

Potable water, pure polyurea is formulated with SPI's cutting-edge ULTRA BOND™ molecule. Has the unique advantage of adhering to most organic/inorganic surfaces both new and aged, typically without the use of a primer or extensive surface preparation.

##### WATERSAFE II™

Successfully tested by an ANSI nationally accredited lab. Compliant with the test passing requirements of NSF/ANSI Standard 61 Section 5 (2011).

Potable water polyurea is a fast setting, rapid curing, 100% solids, flexible aromatic, two component spray polyurea that can be applied to suitably prepared concrete and metal surfaces.

# SPECIALTY PRODUCTS, INC. (SPI)

Over 39 years of manufacturing innovative products that deliver superior solutions

Since 1974, Specialty Products, Inc. (SPI) continues to be a worldwide leading manufacturer in the protective coatings and polyurethane foam industries. SPI is your single source solution for all of your elastomeric coatings, polyurethane foam, and application equipment needs. Our mission is to foster solid business relationships by bringing value to our customers and industry partners.

**EXPERIENCE** - SPI offers industry expertise and high-performance, time-tested products that provide global solutions to numerous residential, commercial, industrial, and defense industries.

**SERVICE ORIENTED** - Our team will work closely with you through each project phase to ensure you get the most from your investment.

**CUTTING EDGE** - SPI's innovative R&D team has developed over 12,000 formulations with a wide range of physical properties to meet your specific project requirements.

**ADVANCED SUPPORT** - Our customers know they can rely on SPI's year-round 24/7 technical support, backed by a dedicated staff with over 180 years of combined industry experience.

**WE INVITE YOU TO EXPERIENCE THE SPI SERVICE DIFFERENCE.**



## TRAINING CLASSES:

ADVANCED APPLICATOR TRAINING CLASSES  
DECADES OF TRAINING INDUSTRY PROFESSIONALS

SPI is committed to providing industry leading technical training for applicators, project specifiers, and owners. Training is essential for properly managing spray equipment, understanding varying field and substrate conditions, and ensuring product applications meet the specification. Over the past couple of decades SPI has conducted over 78 classes and trained more than 1,600 industry professionals.

Training classes are taught by a NACE certified instructor and coatings inspector. Class attendees receive hands on, in-depth training on how to use and troubleshoot plural component equipment, spray guns, spray hoses, parts and accessories. Each participant also spends time learning proper spray techniques for applying polyurea and SPF insulation. For more training class information, please visit [www.specialty-products.com](http://www.specialty-products.com).



VISIT US | [facebook.com/SPIpolyurea](https://facebook.com/SPIpolyurea)  
[twitter.com/SPIpolyurea](https://twitter.com/SPIpolyurea) | [youtube.com/specialtyproductsinc](https://youtube.com/specialtyproductsinc)

[specialty-products.com](http://specialty-products.com) | 800.627.0773 | [info@specialty-products.com](mailto:info@specialty-products.com)