

Specialty Products, Inc. (SPI) is a pioneer and leading innovator in the polyurea protective coatings industry. SPI's corporate philosophy and passion focuses on continuing to raise the industry bar with cutting edge solutions.

SPI's advanced polyurea products are the next evolution of protective coatings for the Water Feature Industry. These ultra high-strength, elastomeric, polyurea coatings simply outperform epoxy, polyurethane and other hybrid products.

#### SPI POLYUREA ADVANTAGES

- Stronger, more durable, longer service life for increased ROI
- Excellent resistance to many chemicals and hydrocarbons
- Higher elongation, greater flexibility and won't crack or peel like epoxy. Able to withstand substrate expansion and contraction caused by harsh annual weather cycles
- High build - apply to any thickness in one application
- Fast-set - rapid cure, return to service within hours, not days
- Hydrophobic - relatively unaffected by cool surfaces during the application process
- Apply in wide-range of temperatures (below 0° to >100° F)
- Contains 100% solids, no VOCs, solvents or ozone depleting ingredients



Polyurea geo-textile seamless pond liner

Specialty Products, Inc. is widely recognized as a global market leader and innovator in manufacturing polyurea elastomeric coatings, polyurethane foam systems, and plural-component application equipment. SPI's products are manufactured under a stringent quality assurance program. SPI offers year-round 24/7 technical support, backed by a dedicated staff with over 150 years of collective industry experience. For over 37 years, our customers have relied on SPI's industry leading products and unmatched technical support. We invite you to experience the SPI service difference!



[www.specialty-products.com](http://www.specialty-products.com)

## PROTECTIVE COATING SOLUTIONS Water Features

[info@specialty-products.com](mailto:info@specialty-products.com)  
1.800.627.0773 | 253.588.7101

**CORPORATE HEADQUARTERS**  
2410 104th Street Court South Suite D  
Lakewood, WA 98499

**ANCHORAGE, AK**  
1425 Spar Avenue  
Anchorage, AK 99501

**ROWLETT, TX**  
2601 Lawing Lane  
Rowlett, TX 75088

**INTERNATIONAL**  
1.800.627.0773  
[international\\_sales@specialty-products.com](mailto:international_sales@specialty-products.com)



**Leading GRACO® Equipment and Parts Distributor**





Decorative water feature and pond enthusiasts have long looked for a waterproofing solution that is eco-friendly, non toxic, and will extend the service life of their investment. Older technologies involved using sheet goods with potential leaking seams, or thin rigid-coatings that would crack and fail from harsh weather cycles. These solutions are not effective and end up increasing maintenance and water replacement costs.

SPI's pure polyurea coatings create a durable, seamless, waterproof liner. These advanced, eco-friendly coatings contain zero VOCs and are safe for marine life and plants. The product's high tensile-strength properties allow for placement of rocks, gravel or other decorative features, and are less susceptible to damage compared to sheet good liners. In addition, the coating's elastomeric properties make them flexible enough to move with substrate expansion and contraction during harsh weather cycles.

## WATER FEATURE APPLICATIONS

Large fountain ponds

Municipal fountains and decorative displays

Decorative Koi ponds

Natural swimming ponds

Retention and evaporation ponds

Water park and recreation facilities



Eco-friendly Koi pond liner

## FEATURED INDUSTRY SOLUTIONS

### Polyshield Hi-E™

Polyshield Hi-E™ is a high-performance, spray-applied, plural component, pure polyurea elastomer exhibiting very high elongation. This system is based on amine-terminated polyether resins, amine chain extenders, and prepolymers. It provides an extremely flexible, resilient, tough, monolithic membrane with water and chemical resistance.

### Ultra Bond-100™

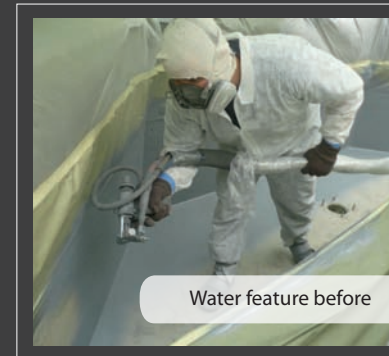
Ultra Bond-100™ is a high tensile, high elongation, high build, fast-set elastomer, specifically formulated to provide a tenacious bond to certain thermoset plastic surfaces. Unlike most spray applied polyureas, Ultra Bond-100™ has the unique advantage of adhering to many polymeric substrates, both new and aged, typically without the use of primers or extensive surface preparation.

### Polyshield HT-SL™

Polyshield HT-SL™ is a fast-set, high-performance, spray applied, plural-component, pure polyurea elastomer. This system is based on amine-terminated polyether resins, amine chain extenders, and prepolymers. It provides a cost effective flexible, tough, resilient monolithic membrane with water and chemical resistance.

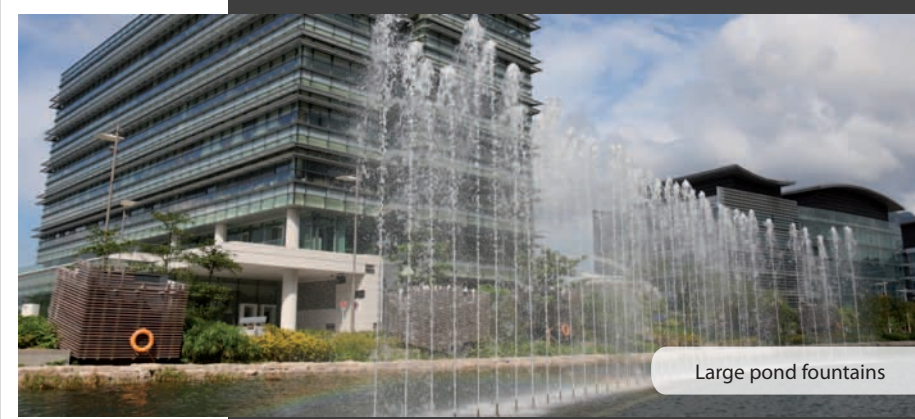


Decorative fountain protection

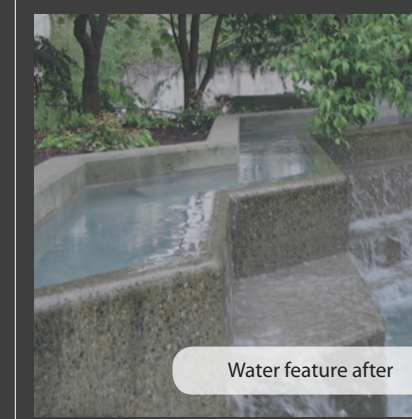


Water feature before

The toughest and most durable protective coatings in the industry



Large pond fountains



Water feature after



Natural swimming pond polyurea liner

Specialty Products has over 40 unique polyurea elastomer coatings with a wide range of physical properties to meet your specific project requirements. SPI only produces 100% solids, pure polyurea coatings that contain no VOCs, solvents, or harmful ozone depleting ingredients. Our knowledgeable team of industry experts will work closely with you from your project's beginning to the end, providing reliable coating solutions, SSPC/NACE standards, project specifications, and unsurpassed 365-day, 24/7 technical support.

## FEATURED INDUSTRY SOLUTIONS

Dry Properties & Test Methods	Polyshield HT-SL™	Ultra Bond 100™	PolyShield Hi-E™
<b>Tensile Strength, psi</b> ASTM D412	4400 psi	3000 psi	2500 psi
<b>Elongation</b> ASTM D 412	400%	> 450%	720% ±50
<b>Tear Resistance, pli</b> ASTM D 624	430 pli ± 50	380 pli ± 50	400 pli ± 50
<b>Shore Hardness A &amp; D</b> ASTM D 2240	55 D	42 D	39 ± 5% D
<b>Abrasion Resistance</b> ASTM D 4060	H 18 Wheel 92 mg. lost	n/a	n/a
<b>Application Temperature</b>	< 0° to > 100°F	< 0° to > 100°F	< 0° to > 100°F
<b>Service Temperature</b>	-60° to +250°F	-50° to + 200°F	-60° to +300°F
<b>Return to Service</b>	24 Hours	24 Hours	24 Hours