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 Oil and Gas 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 wider-range of temperatures (below 0° to >100° F)
- Contains 100% solids, no VOCs, solvents or ozone depleting ingredients

Tank farm primary containment lining

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

PROTECTIVE COATING SOLUTIONS

Oil & Gas Industry

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SPI

The world needs energy, and the Oil and Gas Industry plays a critical role in meeting energy demands and driving the global economy. The processes involved in producing oil and gas are highly complex and capital-intensive. Government regulations also require secondary containment enclosures capable of protecting the environment from accidental spills. Oil and gas companies need reliable solutions that will protect the environment and critical infrastructure.

Modern polymer chemistry has evolved with the invention of SPI's PTU™ polyurea, the next generation of chemical-resistant coatings. PTU™ is a durable, seamless, flexible coating that is resistant to many petroleum-based chemicals, hydrocarbons, and other caustic substances. Pipes, pipelines, tanks, and equipment are expensive to replace and SPI's protective coating solutions will substantially extend their service life at a fraction of the replacement costs.

OIL AND GAS INDUSTRY APPLICATIONS

Interior and exterior protection of steel and concrete tanks

Above- and below-ground pipe and tank encapsulation

Secondary containment liners for spill protection

Evaporation pit and earthen containment liners

Non-skid and corrosion resistant flooring, walls, and roofs


Secondary containment lining

FEATURED INDUSTRY SOLUTIONS

PTU™

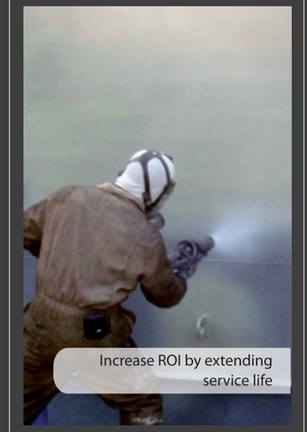
PTU™ is a new generation of high-performance polyurea coating and is the result of six years of development and field testing. This chemical-resistant coating provides high-ductility, allowing it to move with expanding and contracting surfaces. PTU™ can be sprayed to any thickness in one application and returned to service in a matter of hours.

Polyshield HT-100F™

Polyshield HT-100F™ 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 exible, tough, resilient monolithic membrane with water and chemical resistance. Polyshield HT-100F™ is an excellent choice of elastomer to topcoat geo-textile fabrics for primary or secondary containment.

Polyshield HT™

Polyshield HT™ is the work-horse of the polyurea protective coating industry. Millions of square feet of this product have been successfully applied worldwide. This advanced coating combines high elongation and tensile strength properties to form a tough, flexible, resilient monolithic membrane with water and chemical resistance.


Increase ROI by extending service life


Biodiesel primary containment

The toughest and most durable protective coatings in the industry


Chemical-resistant primary containment lining


Corrosion- resistant pipe coating


Storage tank and pipe protection

Specialty Products has over 40 unique polyurea elastomeric 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™	HT-100F™	PTU™
Tensile Strength, psi ASTM D412	4219 psi	> 3700 psi	> 3000 psi
Elongation ASTM D 412	619%	> 300%	100%
Tear Resistance, pli ASTM D 624	612 pli ± 50	483 pli ± 50	n/a
Shore D Hardness ASTM D 2240	52-44 D	± 55 D	65 D
Abrasion Resistance ASTM D 4060	H 18 Wheel 109 mg. lost	CS 17 Wheel 0.2 mg. lost	n/a
Application Temperature	< 0° to > 100°F	< 0° to > 100°F	< 0° to > 100°F
Service Temperature	-60° to +250°F	-60° to +250°F	*
Return to Service	24 Hours	24 Hours	12-24 Hours

* Contact SPI for technical information.