

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 Marine and Boat 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



Boat hull impact protection

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 Marine & Boat



**APPLIED CONVEYOR
& POLYMERS LTD.**

AUCKLAND BRANCH

ph: +64 9 237 0009 51 Adams Rd, Pukekohe P.O. Box 554, Drury 2247,
fax: +64 9 238 6625 Auckland, 2120 Auckland, New Zealand
sales@apcon.co.nz New Zealand

ROTORUA BRANCH

Robert McGinley ph: +64 7 343 6292 35 Depot Street,
+64 27 271 2871 fax: +64 7 343 6293 Rotorua, New Zealand
rob@apcon.co.nz

OAMARU BRANCH

Alex Valentine ph: +64 3 437 0145 5/7 Industrial Place,
+64 21 374 404 fax: +64 3 437 0146 Oamaru, South Island,
red@apcon.co.nz New Zealand



Exposure to nature's harsh and unforgiving marine elements (salt water, moisture, air, and extreme temperature) will inevitably corrode and degrade both onshore and offshore infrastructure, vessels, and equipment. Rust, abrasive wear and tear, and slippery surfaces present significant challenges for maintaining safety and protecting your valuable investments.

SPI's high-performance polyurea products provide the ultimate protection for the Marine and Boat industry. These innovative polyurea coatings create a tough barrier that protect a variety of surfaces (metals, wood, concrete, fiberglass, floatation foam). Polyurea is an industrial strength polymer coating that creates an airtight, impermeable seal that locks out the marine elements.

MARINE & BOAT INDUSTRY SOLUTIONS

Port, shipyard, and marina corrosion protection

Chemical-resistant lining for storage tanks, pipes and cargo areas

Boat hull impact and abrasion protection

Non-slip or non-skid deck or floor coating

Corrosion, abrasion wear and tear protection in cargo handling areas

Encapsulation of dock floats

Aquaculture tank lining

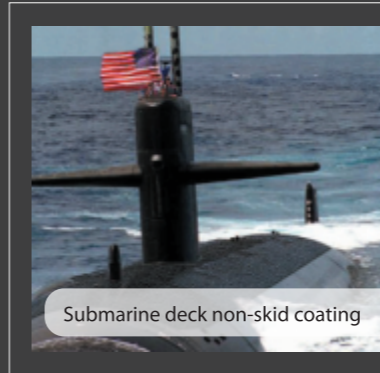
Marine animal enclosure and training tank lining

Coat or restore coating of pilings above and below water

FEATURED INDUSTRY SOLUTIONS

K5™

K5™ is an ultra high-strength, high-elongation polyurea, originally developed as a resilient blast resistant polymer. Soon after, it was discovered that K5™ is exceptionally resistant to abrasion, compared to other spray applied coatings. K5™ can be sprayed on to virtually any surface configuration, at any thickness. Therefore, it can be selectively applied to high wear areas.



Submarine deck non-skid coating

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 flexible, 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.



Ferryboat loading ramp protection

Polyshield HT-SL™

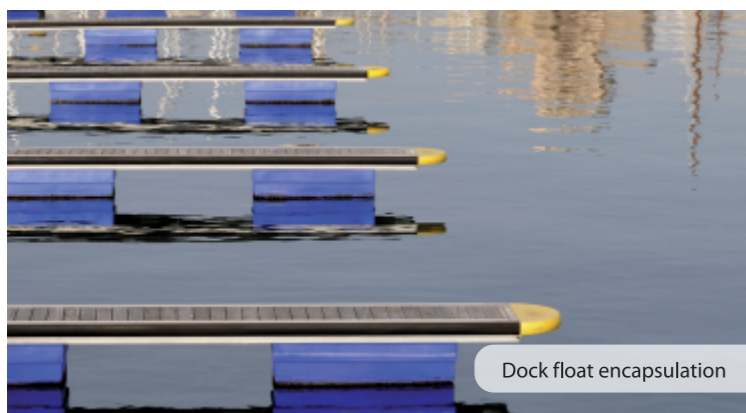
Polyshield HT-SL™ is a fast-set, high-performance, spray-applied, plural-component, pure polyurea elastomer. This system is based on amine-terminated polyether resins, amine chain extenders, and prepolymers. It provides a cost-effective flexible, tough, resilient monolithic membrane with water and chemical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

The toughest and most durable protective coatings in the industry

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™	HT-100F™	K5™
Tensile Strength, psi ASTM D412	> 4400 psi	> 3700 psi	>5500 psi
Elongation ASTM D 412	> 400%	> 300%	> 300%
Tear Resistance, pli ASTM D 624	430 pli ± 50	483 pli ± 50	690 pli avg.
Shore D Hardness ASTM D 2240	55 D	55 D	57 D
Abrasion Resistance ASTM D 4060	H 18 Wheel 92.0 mg. lost	C 17 Wheel 0.2 mg. lost	H 18 Wheel 33 mg. lost
Application Temperature	< 0° to > 100°F	< 0° to > 100°F	< 0° to > 100°F
Service Temperature	-60° to + 250°F	-60° to +250°F	-40° to +200°F
Return to Service	24 Hours	24 Hours	24 Hours



Dock float encapsulation



Boat or commercial vessel deck coating



Shipyard corrosion, abrasion and chemical resistant lining



Boat hull impact protection