

## FEATURES

- High Build, Fast-Set
- Provides a waterproof, airtight, impermeable barrier
- Corrosion and abrasion resistance
- Protects against impact damage
- Can be sprayed or molded to complex geometric shapes
- Expands and contracts with substrate
- Reduces maintenance costs and downtime
- Increases the service life of your investment

## INDUSTRIAL APPLICATIONS

- Non-skid deck coating
- Ports and shipyards
- Structural reinforcement
- Primary containment
- Secondary containment and ground cover
- Watertight sealant for Irrigation canals and flumes



This brochure showcases a small sampling of the extensive portfolio of the diverse, high performance coatings SPI offers. Please contact us to discuss a coating solution for your specific need.

**CAGE CODE:** 1UT03

**DUNS NUMBER:** 627982044

**Small Business**

**NAICS:**

325510

325211

325212

326150



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

ENERGY ABSORBING  
**Barrier Coatings**

DUNS #: 627982044

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POST BLAST EVENT



PROTECTED

UNPROTECTED

Specialty Products, Inc. (SPI) is a leading developer and manufacturer of high strength, high performance polyurea coatings. SPI's polyurea coatings are spray applied and provide a monolithic coating which conforms to complex geometric shapes and may be returned to service immediately. These hyper-elastic coatings have been proven as an excellent energy absorbing material for use in mitigating blast effects and damage from other various seismic events.

## ENERGY ABSORBING BARRIER COATINGS

### Blast Mitigation

### Reduce Damage Caused by Seismic Events

### Risk Management of Critical Infrastructure and Industry

### Snapback/Self-Sealing Characteristic: Reduction of Catastrophic Loss

### Increase Survivability and Sustainability



# FEATURED SOLUTIONS

SYSTEM NAME	TYPICAL APPLICATIONS	FEATURES
<p><b>Dragonshield-HT® ERC</b> <b>Dragonshield-BC™</b> <b>WS-29™</b></p> <p><b>Description:</b> High build, fast-set, plural-component, aromatic polyurea barrier coating 100% solids-no VOCs Sprayed to any thickness in one application</p>	<p><b>Reinforcement of structural walls during blast and seismic events:</b> schools · embassies · palaces safe rooms · refineries · chemical plants equipment rooms · power plants nuclear plants · non-skid walking deck</p> <p>-Fuel and chemical tankers (self-sealing) -Barracks, bathrooms, showers</p>	<p><b>BLAST TESTED</b></p> <ul style="list-style-type: none"> <li>- High strength</li> <li>- High elongation</li> <li>- Excellent adhesion to a variety of surfaces</li> <li>- Energy absorbing: high impact resistance</li> <li>- Reduces fragmentation from blast events</li> <li>- Field repairable</li> <li>- Reduces vibration</li> <li>- Reduces thermal conductivity</li> </ul>
<p><b>EPL-9™</b></p> <p>Slow set, 1:1 ratio, hand-mixed, aromatic polyurea 100% solids – no VOCs</p>	<ul style="list-style-type: none"> <li>- Non-skid walking surface</li> <li>- Field patch kit</li> <li>- Irrigation canals</li> </ul>	<ul style="list-style-type: none"> <li>- Hand mixable or spray applied</li> <li>- Self-leveling</li> <li>- Brush or trowel applied</li> <li>- Slow set (9 minutes)</li> <li>- Easily accepts aggregate (non-skid)</li> </ul>
<p><b>Polyprime-100™</b></p> <p>Waterborne, urethane self-sealing primer, 100% solids – no VOCs</p>	<ul style="list-style-type: none"> <li>- Ship hulls, decks and propellers</li> <li>- Concrete surfaces</li> <li>- Wood surface sealant</li> </ul>	<ul style="list-style-type: none"> <li>- Hand mixable</li> <li>- Applied through airless sprayer or by roller</li> <li>- Provides excellent corrosion control</li> </ul>
<p><b>PTC™ (Polymeric Top Coat)</b></p> <p>Plural component, aliphatic urethane topcoat</p>	<ul style="list-style-type: none"> <li>- Walking decks</li> <li>- Truck beds, vehicles</li> <li>- Tanks</li> <li>- Playground equipment</li> </ul>	<ul style="list-style-type: none"> <li>- Excellent abrasion resistance</li> <li>- UV stability</li> <li>- Easily applied with brush, roller or airless sprayer</li> <li>- Excellent adhesion to most surfaces</li> </ul>

For more extensive information on uses and capabilities of these coatings please visit us at [www.specialty-products.com](http://www.specialty-products.com)