Highland International
Coatings for Peak Performance
Coatings for Peak Performance

Located in the Blue Ridge Mountains of North Carolina, Highland International represents the future of coating technology. Our unique product lines are the result of tireless research and development, and backed by valuable customer input. Working together with industry experts, end users and applicators allows us to deliver products that excel on all levels. The result is a comprehensive catalogue of coatings that do exactly what we say they will do. In addition to high-performance coatings, Highland is second to none in customer and technical service. Our NACE and SSPC certified staff members will support you throughout the coating process. From initial coating selection to the final coat and beyond, Highland offers support every step of the way.

Highland Product Lines

- HiTemp - High Temperature Coatings
- Spray-Safe - Industrial Dry Fall Coatings
- OEM Coatings - Coatings for Original Equipment Manufacturers
- CUI Coatings - Coatings for the Prevention of Corrosion Under Insulation
- ChemTemp - Chemically Resistant Liner and Direct-to-Metal Coatings
- Industrial Maintenance Coatings - Long-Lasting Quick-Dry Coatings

For a better coating experience from selection to performance, contact us today!

828.265.2513
Highland high temperature paint and heat resistant coatings provide aesthetic and durable protection for services ranging from ambient to 1500˚F.

**The Highland HiTemp Advantage**

- Higher film builds than competitor products.
- Better color stability than competitor products.
- Superior thermal shock resistance
- Over 5,000 formulated colors available
- Custom colors up to 1000˚F
- Lower heat cure requirements
- Hot surface applications up to 750˚F
- High temperature dry fall formulas available

**Highland HiTemp Temperature Zones**

<table>
<thead>
<tr>
<th>400°F</th>
<th>500°F</th>
<th>1000°F</th>
<th>1200°F</th>
<th>1500°F</th>
</tr>
</thead>
<tbody>
<tr>
<td>860 &amp; 865 Series</td>
<td>802 &amp; 815 Series</td>
<td>805 &amp; 899 Series</td>
<td>827-HB Series</td>
<td>1500-DTM Series</td>
</tr>
<tr>
<td>High Gloss Finishes</td>
<td>Semi-Gloss Finishes</td>
<td>Flat Finishes</td>
<td>Flat Finishes</td>
<td>Flat Finishes</td>
</tr>
<tr>
<td>Quick Dry Times</td>
<td>Hot Applications</td>
<td>True Color Stability</td>
<td>High Build DTMs</td>
<td>Color Stable</td>
</tr>
<tr>
<td>No Heat Cure</td>
<td>No Heat Cure</td>
<td>Silicone Copolymers</td>
<td>Silicone Copolymers</td>
<td>Ceramic Technology</td>
</tr>
<tr>
<td>Hybrid Silicone Technology</td>
<td>Hybrid Silicone Technology</td>
<td>Hot Applications up to 400°F</td>
<td>Hot Applications up to 750°F</td>
<td>Extreme High Heat Resistance</td>
</tr>
</tbody>
</table>
Highland Spray-Safe industrial dry fall coatings allow for spray applications in areas typically limited to brush and roller application only. Overspray from our Spray-Safe coatings is dry to a powder within 10-20 feet of the application site.

**The Highland Spray-Safe Advantage**

- The only solvent-borne 2-component dry fall coatings on the market
- Superior service life compared to waterborne counterparts
- Significantly lower labor costs
- Low VOC formulas are available – We meet the strict 250 g/L requirements
- Dry fall applications are up to 4X faster than brush and roll applications
- Little to no down time needed for painting

**Highland Dry Fall Product Categories**

<table>
<thead>
<tr>
<th>Zinc</th>
<th>Epoxy</th>
<th>Urethane</th>
<th>Alkyd &amp; Acrylic</th>
</tr>
</thead>
<tbody>
<tr>
<td>335 &amp; 325R Series</td>
<td>475R &amp; 485R Series</td>
<td>68R Series</td>
<td>84-DF &amp; 65R Series</td>
</tr>
<tr>
<td>Zinc Rich Epoxy Coatings</td>
<td>2K Polyamine Epoxies</td>
<td>2K Aliphatic Urethanes</td>
<td>Economical Pricing</td>
</tr>
<tr>
<td>Cathodic Protection</td>
<td>Primers, Mastics &amp; DTM's</td>
<td>High-Gloss Finishes</td>
<td>Extremely Quick Drying</td>
</tr>
<tr>
<td>Maximum Zinc Load</td>
<td>Custom Colors Available</td>
<td>Custom Colors Available</td>
<td>Custom Colors Available</td>
</tr>
<tr>
<td>Superior Corrosion Protection &amp; Service Life</td>
<td>High Build Barrier Capabilities</td>
<td>Superior Chemical &amp; UV Resistance</td>
<td>Best-in-Class Corrosion Protection &amp; UV Resistance</td>
</tr>
</tbody>
</table>
CUI Coatings

Coatings to Prevent Corrosion Under Insulation

Highland’s CUI coatings utilize a combination of high build barriers and extremely dense cross linking to protect substrates from the most aggressive corrosion environment. These coatings provide maximum performance in temperatures ranging from -300°F - 1200°F.

The Highland CUI Advantage

- Higher film builds than competitor products
- Easier to apply than competitor products
- Resistance to boiling water & steam out
- Superior thermal shock resistance
- No heat cure requirements
- Hot surface applications up to 750°F
- Spray-Safe dry fall formulas available
- Thermal insulating coatings available

Highland Solutions for CUI Service Zones

-50°F - 300°F
74-HF & 350-INS Series
Epoxy Phenolic Coatings
Meets NACE SP0198: CS-3 & SS-2
& Thermal Insulating Coatings

-50°F - 400°F
74-HF Series
Epoxy Novolac Coatings
High Build Barrier & Ultra-Dense Cross Linking
Meets NACE SP0198: CS-4 & SS-3

-50°F - 1200°F
827-HB Series
Silicone Copolymer Coatings
Inert Multipolymeric Matrix Coatings
Meets NACE SP0198: CS-5, CS-6, SS-4, & SS-5
OEM Coatings
Coatings for Equipment Manufacturers

Highland OEM coatings provide faster throughput and maximize production efficiency. Additionally, our service is second to none. We offer full on-site evaluations, coating recommendations, custom formulations, application instructions, and ongoing support.

The Highland OEM Advantage

- Nearly 30 years of partnerships with top equipment manufacturers
- Cost conscious options to meet your most stringent requirements
- Custom formulated coatings tailored to meet your specific needs
- Extreme durability and long-lasting premium aesthetics

Highland OEM Product Lines

<table>
<thead>
<tr>
<th>Standard</th>
<th>High Temp.</th>
<th>Automotive</th>
<th>Liners</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ultra-Quick Drying Times</td>
<td>Custom Colors Available</td>
<td>Quick Drying Times</td>
<td>Longer Pot Life &amp; Workability</td>
</tr>
<tr>
<td>High-Gloss DTM Coatings</td>
<td>No Heat Cures Required</td>
<td>Ultra-High Gloss Finishes</td>
<td>Long-Lasting Durability</td>
</tr>
<tr>
<td>Premium Epoxy/Urethane Coating Systems</td>
<td>High-Gloss High Temp. Options</td>
<td>Industrial Grade Corrosion Protection</td>
<td>Suitable for Mild to Harsh Cargoes</td>
</tr>
<tr>
<td>Coatings For Non-Blasted Steel</td>
<td>High Build Barrier Capabilities</td>
<td>High Temp. Options for Exhaust &amp; Engine Components</td>
<td>No Plural Component Requirements</td>
</tr>
</tbody>
</table>
Highland ChemTemp coatings feature premium chemical resistance even under heat. Advanced raw materials and formulation techniques, allow you to push these unique coatings to the next level of performance.

**The Highland ChemTemp Advantage**

- Ideal for harsh acids and caustics
- Excellent abrasion resistance
- No plural component equipment required
- Pig-applied “In-Situ” formulas available
- Heat Resistance up to 450°F
- Low temperature cure options
- Hot surface applications up to 300°F
- Quick applications for less down time

**Highland ChemTemp Common Services**

**Internal Pipelines, Vessels & Tanks**

- 70-HF, 70-IS, 74-HF & 74-IS Series
  - High Cross Link Density for Superior Barrier Properties
  - Excellent Resistance to Acid, Caustic, Pressure, and Heat
  - In-situ Formulations Available for “In Place” Applications
  - Abrasion Resistant Formulas Available

**Secondary Containment**

- 74-HF Series
  - Excellent Resistance to Acid, Caustic, and Heat
  - Faster Spray Applications for Shorter Down Times
  - Easily Broadcasted for Non-Skid Applications
  - No plural component equipment required
Highland’s industrial maintenance coatings were formulated for ease of application, and superior service life. The result is a line of user friendly coatings that reduce or eliminate down time while offering extreme durability.

**The Highland Maintenance Advantage**

- Longer service life than competitor products
- Easy to apply
- Spray or roll-on formulas available
- Minimal surface preparation requirements
- Coatings for active condensation available
- Dry fall formulas available
- Quick applications for less down time
- High-gloss direct-to-metal options

**Highland Industrial Maintenance Coatings**

- **Primers**
  - 49-LH, 84-LH & 77-HF Series
  - Surface Tolerant Coatings
  - Quick Drying Shop Primers
  - Sanding Primers
  - Two-Part Epoxies for Maximum Performance

- **Topcoats**
  - 150 & 36-HF Series
  - Ultra-High Gloss Finishes
  - Quick Dry Coatings
  - Economical Enamels
  - Two-Part Urethanes for Maximum Performance

- **Direct-To-Metal**
  - QuickDry45 & 97-HF Series
  - Ultra-High Gloss Finishes
  - Extremely Quick Drying Systems
  - Industrial Alkyd and Epoxy Coatings
  - High Build Coatings for Maximum Performance
Industries Served
Specialized Coatings Tailored to Your Industry’s Specific Needs

Hot Mix Asphalt
Aggregate
Tanks & Terminals
Feed & Grain
OEM
Pipelines
Power Generation
Petro-Chemical
Testimonials
Why our Customers Keep Coming Back!

Tim Burns - Astec Industries, Inc.
Original Equipment Manufacturer

Astec Incorporated has had a long and successful relationship with Highland International as our primary coatings supplier since 1989. As a global provider of asphalt plants, and a recognized leader in our industry, we must maintain integrity of our plants with the best coatings in the industry. With the harsh environment of asphalt production and soil incineration equipment, we use Highland products for many different applications ranging from ambient temperatures to 1200°F.

Tim Ribelin - Chandler Concrete
Concrete Producer

We are very pleased with the performance and the durability of the Highland International paint and the sales force has stood behind the paint and the painters.

Ben Burra - Arrow Road Const.
Asphalt Producer

I would recommend Highland paint and the service behind that paint to anyone. The paint is the best, but the service is better.

Chris Cook - King Asphalt
Asphalt Producer

I have used Highland paint for over 20 years on various asphalt plants, and I give them an A+. The paint holds up great and I could not ask for better service.

David Prim - Prim Industrial
Paint Contractor

Our clients are extremely excited to have the opportunity to have high performance coatings and linings sprayed without the potential overspray issues!

James Holder - Coating Services, Inc. at CF Industries
End User/Fertilizer Processing

Coating Services Inc. has been installing and consulting on industrial coatings at C.F. Industries Nitrogen facility located in Donaldsonville, LA for many years. We have been using the Highland 827-HB DTM now for about five years with great success. We are now approving the Highland topcoats such as the 815 & 899 Series in colors. These coatings can be used on hot surfaces, hotter than competitor offerings, which saves on shutting down for maintenance. The service and technical service we have received from Highland International has made a great partnership between our two companies to help fulfill CF Industries protective coatings needs in LA and beyond.
Experience the Highland Advantage

Why do we have unbeatable customer retention?

Customized Coating Solutions
Thorough Technical Support
Excellent Customer Service
Specialty Product Lines
Contractor Assistance
and More

For a better coating experience, Contact us Today!

info@highland-international.com
828.265.2513

Refer to our Quick Specs Guide for technical specifications on all of our specialty product lines