

## Valspar Pipeclad® Coating Solutions

Fusion-Bonded Epoxy, Powder Coating

# Maximum Performance. Lasting Protection.

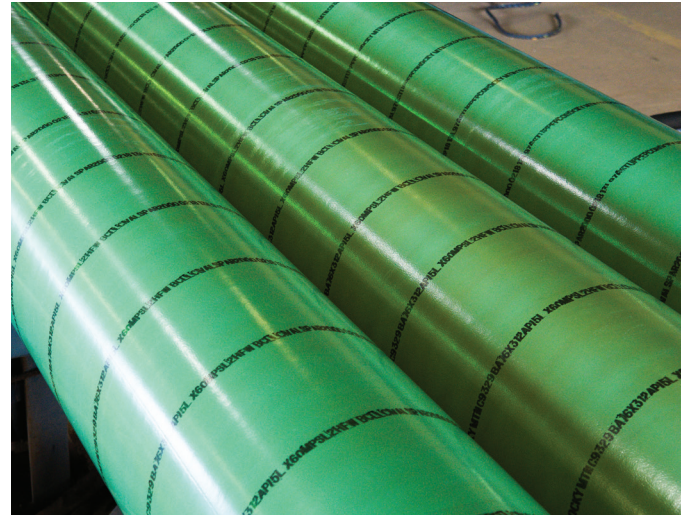
Valspar Pipeclad is the preferred coatings solution of major petroleum producers and pipeline operators around the world. With a wide range of products to address the specific needs for your pipeline, Valspar provides optimum protection against the corrosive elements associated with in-ground pipe installation and downhole drilling.

From rugged mountain terrain to deep ocean floors, Valspar Pipeclad coatings provide excellent adhesion, maximum flexibility and strong chemical resistance. We have a full line of coating solutions for a wide variety of conditions, from pipe size and wall thicknesses to single-, dual- or three-layer applications.

For decades, Valspar has been the coating of choice in the oil and gas industry. No matter what your project requires, Valspar has the anti-corrosion coating required to ensure maximum protection.

### Spanning the World

Did you know that Valspar Pipeclad 2000 protects more than 100,000 km of pipeline around the world? That is enough pipe to circle the world 2.5 times. Every day that number grows as new pipeline is installed. Our fusion-bonded epoxy coating provides robust protection from the elements during manufacturing, transportation and installation and operation of pipelines for dependable protection where you need it most.



### Our Powder Portfolio

Product Line	Application	Benefits
Pipeclad 2000	External Powder FBE	<ul style="list-style-type: none"> <li>FBE for single-, dual- or three-layer applications.</li> <li>Provides exceptional long-term corrosion resistance for pipelines.</li> </ul>
Pipeclad ARO 2040 and 2040 Flex	External Powder FBE	<ul style="list-style-type: none"> <li>Provides optimum resistance against mechanical damage throughout storage, transit and construction of the pipeline.</li> <li>Provides protection during road and river crossings and directional drilling applications.</li> </ul>
Pipeclad ID Coating	Internal Powder FBE	<ul style="list-style-type: none"> <li>Designed for protection of tubing, casing and drill pipe in the most demanding downhole and cross country environments.</li> <li>Provides excellent corrosion protection and a smooth inner surface to improve hydraulic efficiency.</li> </ul>
Pipeclad Flowliner	Internal Liquid Epoxy	<ul style="list-style-type: none"> <li>Provide maximum flow efficiency in gas pipelines.</li> <li>Reduces overall operational and installation costs.</li> </ul>

## Current Markets Using Pipeclad Coatings



### Pipeclad Advantages:

- **Durable Finish:** Outstanding resistance to cracking, cold flow and softening over a wide temperature range.
- **Exceptional Chemical Resistance:** Allows coated pipe to endure exposure to a wide range of chemicals including aliphatic hydrocarbons, aqueous salts and caustics.
- **Outstanding Performance:** Superior adhesion to the substrate; offers excellent cathodic disbondment resistance in a wide range of environments.
- **Excellent Flexibility:** Meets the most demanding field-bending requirements including extreme temperatures and “reel barge” pipe laying.
- **Efficient Operations:** Well-controlled, efficient application process in a coating plant gives consistent coating performance in all size projects.
- **Dependable Service:** Valspar’s team of global service representatives support application and repair around the world, wherever our customers need us most.

### Pipeclad Coating Performance Characteristics

These basic guidelines will help you select the coating that best meets your specific product and application requirements. All of our coatings can be custom formulated for a wide range of application methods and cure temperatures.

Coating	Description	Corrosion Resistance	Abrasion Resistance	UV Resistance	Backfill Protection	Concrete Anti-slip	Single Layer	Dual-layer	3-layer PP Primer	3-layer PE Primer
2000	FBE for single-, dual- and three-layer applications	●					●	●	●	●
2040 ARO Flex	Abrasion resistant overcoat		●		●			●		
Rough Coat	Roughcoat FBE for concrete coating					●		●		
HOT 120 Flex	High operating temp FBE - 120C	●					●	●	●	●
HOT 150 Flex	High operating temp FBE - 150C	●					●	●	●	●
LAT	Low application temp FBE	●					●	●	●	●
UV Coat	UV resistant overcoat			●				●		

### Why Valspar

Since 1806, Valspar has been pushing the boundaries of science and innovation. Our unwavering commitment to application expertise is paired with coatings that are designed and tested to ensure best-in-class appearance, productivity, performance and sustainability.

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The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. Valspar assumes no obligation or liability for use of this information. UNLESS VALSPAR AGREES OTHERWISE IN WRITING, VALSPAR MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. VALSPAR WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES. Your only remedy for any defect in this product is the replacement of the defective product, or a refund of its purchase price, at our option. The information in this sheet (if marked as “Confidential”), as well as the products referenced herein, shall be considered “Confidential Information” pursuant to the Coatings Supply Agreement. Wet samples and uncured samples of these products shall be maintained as confidential and shall not be disclosed to any third party without the prior written permission of Valspar. © 2016 Valspar Corporation