

PRODUCT DESCRIPTION

HybriShield 2101 is a two component hybrid urethane exterior coating formulated to protect and decorate steel and iron substrates in a variety of environmental conditions.

HybriShield 2101 has excellent weathering and gloss retention properties and is resistant to a variety of chemicals to which it may be exposed. This coating is high quality two-component exterior polyurethane.

HybriShield 2101 is intended for use in industrial environments such as refineries, chemical plants, power plants, tankage, piping, pulp paper mills and exterior mezzanines. This product has good resistance to abrasion, solvents, acids, alkali, salt and fresh water.

APPLICATION DATA SUMMARY

See Application Instructions for complete information on surface preparation, equipment, environmental conditions, application procedures, and safety precautions. For conditions outside the specifications or limitations described, contact Wolverine Coatings Corporation for details.

SURFACE PREPARATION

Coating performance is directly related to the quality and degree of surface preparation. Prior to overcoating, all surfaces must be clean, dry, undamaged, and free of all contaminants. For more specific information, consult the surface preparation section contained in the Application instructions.

SAFETY PRECAUTIONS

Prior to commencing work, carefully read and follow all SDS (formerly MSDS), Technical Data Sheets, and any instruction manuals for products and equipment used during installation. Following the safety regulations of jobsite, local, state, and federal authorities is the responsibility of the installation company, general contractor, and/or facility owner. Safety precautions in the SDS should be carefully followed during storage, handling and use. Improper use and handling can be hazardous to health and cause fire or explosion.

APPLICATION DATA

Substrate:	Steel/Iron
Surface Preparation	
Non-Severe:	SSPC-SP3 Abrasive Blast
Severe:	SSPC-SP6 Abrasive Blast
Application Method:	Airless/Conventional spray, roller, or brush
Application Temp:	40-120°F
Coating Temp:	40-90°F
Relative Humidity:	Min 5°F above DP
Clean Up:	MEK or Xylene

PHYSICAL DATA

PROPERTY	VALUE	TEST METHOD
Finish:	High Gloss	ASTM D523
Color:	Clear, Custom	ASTM D1544
Components:	Two (1:1)	N/A
Curing Mechanism:	Chemical Reaction	N/A
Volume Solids:	50% (Mixed)	N/A
Abrasion Resistance:	40mg loss 1kg, 1000 cycles	ASTM D4060
Film Thickness:	3-4 mils DFT (6-8 mils WFT)	N/A
Coverage:	267-200 sqft/gal	N/A
Pot Life: (@ 77°F / 50% RH)	4 Hours	ASTM D4541
Set to Touch: (@ 77°F / 50% RH)	1 Hour	ASTM D4541
Dry to Topcoat: (@ 77°F / 50% RH)	8 Hours	ASTM D4541
Total Coats:	1 or more	N/A
VOC:	3.01 lbs/gal (mixed)	ASTM D3960
Flashpoint:	64°F Pensky Martin	ASTM D3278 Setaflash

SHIPPING DATA

Packaging:	10 Gal Kits (Part A: 5 Gallons, Part B: 5 Gallons)
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STORAGE

Shelf Life (indoors @ 40-100°F):	1 year from date of manufacture (factory sealed)
Do not open containers until ready to use. Keep sealed containers in a cool, dry place. Avoid contact with sources of extreme hot or cold temperatures as well as direct sunlight. Containers should be stored at 65°F to 95°F. Shelf life is one (1) year if exposed to the above conditions.	

SAFETY

For your safety, all required personal protection equipment should be used when operating machinery or handling chemicals. Concrete dust is a source of silica particles and other hazardous materials that can cause silicosis and other illnesses. Proper safety equipment and methods are the responsibility of the installation company, general contractor, and/or facility owner.

WARRANTY

Wolverine Coatings Corporation warrants its products to be free from defects in material and workmanship. Wolverine Coatings Corporation's sole obligation and Buyer's exclusive remedy in connection with the products shall be limited, at Wolverine Coatings option, to either replacement of products not conforming to this Warranty or credit to the Buyer's account in the invoiced amount of the nonconforming products. Any claim under this warranty must be made by the Buyer to Wolverine Coatings in writing within five (5) days of Buyer's discovery of the claimed defect, but in no event later than the expiration of the applicable shelf life, or one year from the ship date, whichever is earlier. Buyer's failure to notify Wolverine Coatings of such nonconformance as required herein shall bar Buyer from recovery under this warranty.

Wolverine Coatings makes no other warranties about the product. No other warranties, whether expressed, implied, or statutory, such as warranties of merchantability or fitness for a particular purpose, shall apply.

Any recommendation or suggestion relating to the use of the products made by Wolverine Coatings, whether in its technical literature, or in response to specific inquiry or otherwise, is based on data believed to be reliable; however, the products and information are intended for use by Buyers having requisite skill and know-how in the industry, and therefore it is for the Buyer to satisfy itself of the suitability of the products for its own particular use and it shall be deemed that Buyer has done so, at its sole discretion and risk. Variation in environment, changes in procedure of use, or extrapolation of data may cause unsatisfactory results.

LIMITATION OF LIABILITY

Wolverine Coatings Corporation's liability on any claims based upon Wolverine Coatings Corporation's negligence or strict liability, for any loss or damage arising out of, connected with, or resulting from the use of the products, shall in no case exceed the purchase price allocable to the products or parts thereof which give rise to the claim. In no event shall Wolverine Coatings Corporation be liable for consequential or incidental damages.

LITERATURE REVISION -TDS: HybriShield 2101 - Rev. 250203 Published literature is subject to change without notice. Wolverine Coatings Corporation is constantly engaged in the testing of existing formulations, the development of new innovative technologies, and the evaluation of the latest practices. The latest literature should always be consulted at www.wolverinecoatings.com.



Wolverine Coatings Corporation

5969 Highway 221 | Roebuck, SC 29376

Tel: (864) 587-3144 | Fax: (864) 587-3147

e-mail: Sales@WolverineCoatings.com

website: www.WolverineCoatings.com