

PRODUCT DESCRIPTION

ProtoCoat 1253 is a high-quality coating that can be used with or without primer over steel, galvanized metal, aluminum and concrete. It bonds directly to steel or concrete. A single coat can out-perform several coats of alkyd coating. Two coats of this coating may be applied at one-hour intervals for a total of 15 mils dry film.

ProtoCoat 1253 was formulated to combat the most severe conditions. High solids allow the coating to be applied at 5 – 7 mils dry film to help protect sharp corners, edges or welds. It withstands highly corrosive and abrasive environments. It is surface tolerant and performs well over marginally prepared substrates.

ProtoCoat 1253 is formulated to be VOC, HAPS and TAPS compliant. It meets the performance requirements of SSPC Paint no. 22, MPI # 108, MPI # 120, MIL-C-22750 and MIL-P-23377.

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

Read the Safety Data sheet carefully before use. 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. For further information, please refer to our "Epoxy Resin Safety Handling Guide".

APPLICATION DATA

Substrate:	Steel, Iron
Surface Preparation	
Steel	SSPC-SP3 Abrasive Blast
Concrete	SSPC-SP6 Abrasive Blast
Application Method:	Airless or conventional spray, Roller or brush, spatula
Application Temperature:	50°F - 110°F
Coating Temperature:	50°F - 90°F
Relative Humidity:	Minimum 5°F above DP
Clean Up:	MEK or Xylene

PHYSICAL DATA

PROPERTY	VALUE	TEST METHOD
Finish:	Semi-Gloss	ASTM D523
Color:	White, Gray	ASTM D1544
Components:	Two	N/A
Curing Mechanism:	Chemical Reaction	N/A
Volume Solids:	73.6%	N/A
Film Thickness:	5-7 mils DFT 6.8-9.5 mils WFT	N/A
Total Coats:	1 or more	N/A
Theoretical Coverage (sqft/gal):	236 - 169 sqft/gal	N/A
VOC:	1.86 lbs/gal (mixed)	ASTM D3960
Pot Life: (@ 77°F / 50% RH)	4 Hours	N/A
Set to Touch (@ 77°F / 50% RH)	1-2 Hours	N/A
Dry to Topcoat (@ 77°F / 50% RH)	6-10 Hours	N/A
Flashpoint:	70°F Pensky Martin	ASTM D3278 Setaflash
Shelf Life:	1 Year (Unopened)	N/A

SHIPPING DATA

Packaging:	10 Gallon 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: ProtoCoat 1253 - Rev. 250122

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.



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