



ChemShield 1836

Product Information Bulletin

PRODUCT DESCRIPTION

ChemShield 1836 is a sprayable, 100% solids, amine cured novolac epoxy lining which exhibits excellent resistance to organic solvents, caustic environments, and dilute acidic exposures. The integration of flakeglass reinforcements also gives the coating excellent resistance to permeation and very good abrasion resistance. ChemShield 1836 is well suited for sewage pipe, treatment plants, petroleum refining and storage, and chemical plants using mineral acids such as phosphoric acid plants, hydro metallurgy, and metal plating facilities.

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 coating, 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 Material Safety Data sheet carefully before use. Safety precautions in the MSDS should be carefully followed during storage, handling and use. Improper use and handling can be hazardous to health and cause fire or explosion.

PHYSICAL DATA

Finish	High gloss
Color	Pigmented
Components	Two
Curing Mechanism	Chemical reaction
Volume Solids	100%
Dry Film Thickness	20-60 Mils per coat
Total Coats	2 Minimum
Theoretical Coverage	<u>Ft²/lb</u> <u>M²/kilos</u>
20 Mils	7.2 1.48
40 Mils	3.6 0.72
VOC	N/A
Temperature limits	200°F (wet), 350°F (dry)
Flashpoint (SETA)	N/A

APPLICATION DATA

Substrate/s: Blasted concrete, steel, fiberglass

Surface Preparation
Steel SSPC-SP5 Abrasive Blast
Concrete ASTM D4258

Application Method: Airless or conventional spray,
roller or brush

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APPLICATION DATA (CONT.)

Mix Ratios	77 Parts A to 23 Parts B		
NOTE:	Mix separate components thoroughly before adding together.		
Pot Life	50-70 minutes at 25°C		
Environmental conditions			
Temperature Range	45-120°F	7-49°C	
Max Relative Humidity	90% at 70°F		
Surface Temperature	<5°F above dew point		
Drying time (ASTM D1640) at 50-90% RH			
To Touch	<u>90°F</u> 4 hr	<u>70°F</u> 6 hr	<u>50°F</u> 9 hr
Max Chemical resistance	7 days		
Thinner	None		
Equipment Cleaner	GF #9		

SHIPPING DATA

Packaging	units	5 gal
Shipping Weight	<u>5 Gal</u>	
Barrier Coat Resin "A"	43.0 LB	
Cure "B"	13.0 LB	
Shelf Life (indoors @ 40-100°F)	12 Months	
Transportability U.N.	Non Hazardous	

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 delivery 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 express, implied, or statutory, such as warranties of merchantability or fitness for a particular purpose, shall apply. In no event shall Wolverine Coatings be liable for consequential or incidental damages.

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

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