

## PRODUCT DESCRIPTION

BondTite 1116 is a 100% solids, two component Fluoropolymer Modified AHC (Advanced Hybrid Cycloaliphatic) epoxy coating, adhesive, and binder, which exhibits excellent adhesive properties to various substrates. The low surface tension of BondTite 1116 makes it an excellent saturant resin for composite repairs using fiberglass or carbon fiber. BondTite 1116 can be used alone or can be top coated with other Wolverine Coatings Corporation products.

## 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:	Blasted concrete, steel
Surface Preparation	
Steel	SSPC-SP5 Abrasive Blast
Concrete	ASTM D4258
Application Method:	Airless or conventional spray, Roller or brush
<i>* Consult Wolverine Coatings Corporation's technical department for information on spray application.</i>	
Gel Time: :	55 minutes (125g @77°F)
Induction Period:	None
Mix Ratio 2 Parts "A" to 1 Part "B" (By Volume)	
Environmental conditions	
Temperature Range:	50-120°F
Max Relative Humidity:	80%
Surface Temperature:	50-120°F

## APPLICATION DATA (CONTINUED)

Curing Time			
	90°F	70°F	50°F
Tack Free	NT	8 hr	NT
Overcoat	NT	8-18 hr	NT
Through	NT	24 hr	NT
Max Chemical resistance	4 – 7 days		
Thinner	None		
Equipment Cleaner	MEK		

## PHYSICAL DATA

Finish:	Glossy
Color:	Clear
Components:	Two
Curing Mechanism:	Chemical reaction
Volume Solids:	100%
Dry Film Thickness:	Depends on Composite
Total Coats:	1 or more
Theoretical Coverage:	ft <sup>2</sup> /Gallon
*Depends on weight of Fiberglass or Carbon Fiber	
VOC:	None
Temperature limits:	200°F (100°C)
Adhesion (on Concrete):	Excellent!
Flashpoint (SETA):	N/A

## SHIPPING DATA

Packaging :	3G, 15G, 157.5 (G=gal units)
Shelf Life (indoors @ 40-100°F):	12 Months

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## **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: BondTite 1116 - Rev. 230717**

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](http://www.wolverinecoatings.com).



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