

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	AMPP SSPC-SP5/NACE No. 1
Concrete	AMPP SSPC-PS13/NACE No. 6
* All surfaces should be cured, clean, dry, and free from contamination. For additional information regarding surface preparation specifications and techniques, please contact our technical services department.	
Application Method:	Airless or conventional spray, Roller or brush
* Consult Wolverine Coatings Corporation's technical department for information on spray application.	
Gel Time:	55 minutes (125g @77°F / 50% RH)
Induction Period:	None
Mix Ratio 2 Parts "A" to 1 Part "B" (By Volume)	

APPLICATION DATA (CONTINUED)

Environmental conditions			
Temperature Range:		50-120°F	
Max Relative Humidity:		80%	
Surface Temperature:		50-120°F	
Curing Time (@ 50% RH)			
	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:	² ft /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