



VitraPrime 501

Bonding Enhancer for Vitreous Surfaces

Technical Data Bulletin

PRODUCT DESCRIPTION

VitraPrime 501 is a bonding enhancer for vitreous substrates. This unique chemistry will chemically bond to vitreous surfaces and leave chemical bonding sites to allow chemical bonding of epoxy coatings to the treated surface. The treatment's uses include the surface treatment of floors, manholes, sumps, and other areas where the adhesion of a coating to a vitreous substrate is suspect. VitraPrime 501 provides an excellent bonding surface for 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. Specifiers should contact Wolverine Coatings Corporation to discuss specific scenarios.

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

This product is flammable! Keep away from heat, sparks, or open flame. Use proper static grounding procedures. 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	Virtually Invisible
Color	Clear
Components	One
Curing Mechanism	Chemical reaction
Dry Film Thickness	Not Film Forming
Total Coats	1 or more
Theoretical Coverage	600-800 ft ² per Gallon (Depends on Porosity)

APPLICATION DATA

Substrate:	Vitreous Substrates, Blasted Concrete
Surface Preparation: Concrete	ASTM D4258
Application Method:	Airless or conventional spray, Roller or brush
Pot Life:	Infinite (125g @77°F)
Induction Period:	None
Mixing:	Lightly agitate before use
Mix Ratios:	One Component

Environmental conditions

Temperature Range	50-85°F
Max Relative Humidity	80%
Surface Temperature	50-85°F

APPLICATION DATA (Continued)

Curing time:		<u>90°</u>	<u>70°F</u>	<u>50°F</u>
Tack Free		NT	1 hr	NT
Overcoat		NT	2 hr	NT
Max Chemical resistance			4 - 7 days	
Thinner			None	
Equipment Cleaner			MEK	

SHIPPING DATA

Packaging	1G, 5G, 55G (G=gal units)
Shelf Life (indoors @ 40-100°F)	12 Months

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.

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.