

## PRODUCT DESCRIPTION

LiquaTile 1186 is a 100% solids, Advanced Hybrid Cycloaliphatic wall coating which exhibits excellent resistance to organic solvents, caustic environments, and dilute acidic exposures while also displaying outstanding mechanical properties, such as adhesion and abrasion resistance. LiquaTile 1186 was designed to be a high density (low porosity) coating. It is a natural choice for USDA & FDA Inspected facilities, clean rooms and other areas where a smooth easy to clean surface is desired. LiquaTile 1186 meets requirements for FDA & USDA inspected facilities.

## APPLICATION DATA SUMMARY

LiquaTile 1186 is mixed on site and applied with a roller to create a glossy, low porosity surface.

## 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 and primed concrete, Blasted steel
Surface Preparation	
Steel	SSPC-SP5 Abrasive Blast
Concrete	ASTM D4258

Application Method:	roller, brush
Pot Life (@77°F / 50% RH):	30 minutes
Induction Period:	None
Mix Ratio:	2 Parts "A" to 1 Part "B" (By Volume)

Environmental conditions	
Temperature Range:	50-100°F
Max Relative Humidity:	90% at 70°F
Surface Temperature:	>5°F above dew point

## APPLICATION DATA (CONTINUED)

Drying Time (ASTM D1640) at 50% RH			
	90°F	70°F	50°F
To Touch	Approx. 3-4 Hours	4-6 Hours	Approx. 9-12 Hours
Max Chemical resistance		7 days	
Thinner		None	
Equipment Cleaner		MEK	

## PHYSICAL DATA

Finish:	High Gloss
Color:	Pigmented
Components:	Two
Curing Mechanism:	Chemical reaction
Volume Solids:	100%
Dry Film Thickness:	12 mils
Total Coats:	1 or more
Theoretical Coverage:	<sup>2</sup> ft /gal
1 Mil:	1604
10 Mils:	160
VOC:	Nil
Temperature limits:	350°F (Dry) 200°F (Wet)
Flashpoint (SETA):	N/A

## SHIPPING DATA

Packaging:	3 Quart Kits, 3 Gallon Kits
Shelf Life (indoors @ 40-100°F):	12 Months

## Chemical Resistance

I - Immersion/Continuous Service	Xylene	S	Hydrochloric acid, 10%	S
C - Secondary Containment (72 Hr)	1,1,1 Trichloroethane	N	Sodium hydroxide, 50%	C
S - Splash/Spill	MEK	S	Sulfuric acid, 10%	S
N - Not Recommended	Methanol	S	Sulfuric acid, 70%	N
	Ethyl alcohol	S	Battery acid	S
	Skydrol	S	Vinegar (5% Acetic acid)	S
	Sodium Hydroxide, 10%	C	Water	I

Only Splash/Spill results are listed here since primers are over-coated with a chemical resistant topcoat to resist particular chemicals. Consult Wolverine Coatings Corporation for specific recommendations when chemicals are present.

## 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: LiquaTile 1186 - 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](http://www.wolverinecoatings.com).



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