



PrimeLine Products, Inc.

311 Altamonte Commerce Blvd.

Suite 1608

Altamonte Springs, FL 32714

P 407-772-8131 f 407-786-8131

Sales@PrimeLineproducts.com

WWW.PrimeLineproducts.com

PrimeLiner Fiber Reinforced Polymer

PrimeLiner FRP: An advanced next generation, 100% solids, ultra high-build, high strength structural Fiber Reinforced Polymer (FRP) for the protection of steel and concrete. Designed to be used as a standalone structural liner or in conjunction with other PrimeLiner repair materials. Suitable for use in all stages in the wastewater collection and processing system. Exhibits excellent hydrostatic pressure chemical and abrasion resistance making it ideal for these harsh environments.

Typical Uses: PrimeLiner FRP is designed to protect, line and rehabilitate sanitary sewer collection system assets, and other underground structures. Ideal for structures in contact with extreme H₂S and in need of aggressive I&I mitigation.

Application: PrimeLiner FRP is designed to be applied easily by hand trowel or sprayed on by heated, plural component spray pump.

Surface Preparation:

Masonry: Surface must be clean, dry and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion. Concrete & Masonry: SSPC-SP13/NACE 6, (ICRI No. 310.2R, CSP 3-5)

Steel: Remove oil, grease, chlorides or other contaminants - "Solvent Cleaning" (SSPC-SP1) may be required. Abrasive blasting (or other approved mechanical methods) SSPCSP10 / NACE 2, "Near-White Blast Cleaning," must be administered in order to achieve a clean surface with a minimum profile of 100 microns (4 mils); remove dust and debris by high compressive air or solvent cleaning (SSPC-SP1) may be required again.

**Verify that the temperature of the surface is at least 3 degrees C (5 degrees F) from the dew point temperature to preclude condensation.*

Coverage:

As a standalone liner, application is recommended at a minimum of 125 mils (1/8")

60 mils DFT Application thickness: 27 Sq ft./gallon

1/8" DFT Application thickness: 12.82 Sq ft./gallon

1/4" DFT Application thickness: 6.41 Sq ft./gallon

Mixing and Application:

Applying by hand trowel: Add equal parts part A and B together and mix under slow mixing speed (no more than 600 rpm). Mix thoroughly for 3-5 minutes until there are no streaks and a consistent color has been reached.

If spraying: ratio is 1:1. Product should be preconditioned to 100 degrees F.

Refer to owner manual of spray equipment for further instructions.



PrimeLine Products, Inc.

311 Altamonte Commerce Blvd.
 Suite 1608
 Altamonte Springs, FL 32714
 P 407-772-8131 f 407-786-8131
 Sales@PrimeLineproducts.com
 WWW.PrimeLineproducts.com

PrimeLiner Fiber Reinforced Polymer

Technical Data:

- Color: Medium Gray Matte Finish
- Application: Hand Trowel or plural component spray pump at Temp of 50°F - 100°F
- Volume Solids: 100%
- Recoat Time: 12-72 Hours @ 75°F Cure for use: @ 75°F 18-24 hours
- Recommended Thickness (DFT): 60-80 mils minimum
- Dry Service Temperature: 160°F
- Mix Ratio: 1:1 by volume
- Pot Life 50-60 minutes @ 75°F
- Shelf Life: 48 months if stored correctly

Property:	ASTM Standard	Value at 14 Days:
Compressive Strength:	D695	>16,000 Psi
Flexural Modulus: Initial: Long Term:	D790	>750,000 Psi >425,000 Psi
Tensile Strength:	D638	>8,500 psi
Elongation:	D2370	>4 %
Shore D Hardness:	D2240	➤ 88
Adhesion Strength: Concrete Steel	D4541 D4541	Substrate Failure >3,000 psi
Rapid Freeze Thaw: 100 Cycles	C666	Pass
Water Absorption:	D570/D1653	0.04
Linear Coefficient of Shrinkage:	D2566	0.0008

PrimeLiner warrants our products to be free of manufacturing defects in accord with applicable quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product .

NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING SALEABLE OR SUITABLE FOR A PARTICULAR PURPOSE.