ECI
Environmental Coatings, Inc.
Cost-Effective Environmentally Advanced Solutions

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FiberTech F-50MR

Water Based, Penetrating Primer, Masonry, Wood, Metal Surface Encapsulant

Description

FiberTech F-50MR is a high performance highly flexible, mold resistant, penetrating, stabilizing, water based modified acrylic coating for waterproofing, surface stabilization and protecting all masonry, brick, wood and metal surfaces. It has more than ten times the adhesion of other encasement primers, and will stabilize all previously painted, including lead based painted, and asbestos containing surfaces. Our F-50MR is also available with a rust-inhibiting additive (F-50MS) for used on all metal surfaces exhibiting signs of rust. Its unique features are that it's a single component, water-based, ready to use material. Adds weatherization, sound & insulation properties. It is used as a primer in conjunction with our F-51, F-51MR or F-52 Roof Sealer Coats (finish coat). This product is recommended for use, as a primer, on all roofing and masonry surfaces. It is designed to provide a superior first coat seal. It is used in conjunction with our poly mesh scrim fabric, and F-51/F-51MR Sealer coat to provide a waterproof system for damaged or leaking roof surfaces.

Technical Data

Color in container	Milky White/ blue
Dry Appearance	Clear or blue
Volume Solids	45%
Flash Point	N/A
Theoretical Coverage	90-110 SQ FT/GAL (flat surface)
Recommended Dry Film	7-9 dry mils per coat
VOC	<25 GMS/LTR
Viscosity For Spray	100-105 KU
Shelf Life	1 Year+ (Min 45°F Max 100°F)
Surface Temperature	Min 45°F Max 100°F
Dry Time @75°F	2-8 hours @ 75°F
Clean Up	Water

Surface Preparation

Previously painted surfaces should be powerwashed (3,000 psi) prior to application of the F-50MR. The surface should be clean, free from loose mortar, sand, oils, grease, dirt, chlorides, and loose particulates. Allow new concrete, masonry, and stucco to cure at least 14 days prior to application. All roofing, masonry, brick and mortar surfaces should be allowed to dry prior to application.

Application

Brush, roller or spray.

Roll: Use ⅜" to ½" synthetic roller cover. Roll in one direction. Do not over roll.

Conventional Air Spray: Minimum pressure to avoid fingering 2,000 psi. Tips should be .517-.519 Reverse-A-Clean (Heavy Duty, HD, tips are recommended). Fluid Hose ¼" x 100'. Pump should be 795-1595 (Graco) or equivalent. When using in conjunction with the ECI poly mesh scrim fabric, make sure to saturate the scrim before placing it on the roof surface desired. It is used primarily with metal and transite roofs and siding but is also used on EPDM and other roof surfaces when patching the roof or for an entire failed roof that is being encased (See manufacturer installation Guides). Dries in 2-8 hours to overnight dependent upon temperature, humidity, and airflow.

Apply at the rate of 90 square feet per gallon when using as a base primer coat on exterior work. When scrim is necessary, apply over your previously applied saturated scrim, after it has been allowed to dry, at the rate of 90 square feet per gallon (9 dry mils). Two coats of the F-50MR are required for our twenty-year limited warranty when used in a complete scrim application. When used as a primer coat on metal and transite roofs, one coat is required in conjunction with two coats of our F-51, F-51MR or F-52 Roof Sealer Coatings.

Warranty

ECI can warrant for a period of up to 20 years from the purchase date of this product that it is free from any manufacturers defects. This limited warranty is in lieu of any other warranty, expressed or implied, including but not limited to the implied warranties of merchantability and fitness for any particular purpose. ECI's sole liability under this limited warranty, shall be at its option, to replace any portion of the product proven to be defective in manufacture. Any defects must be reported to ECI within 30 days from discovery and the limited warranty period. This limited warranty does not extend to abuse of the coatings by owner or building occupants, improper maintenance, water damage, acts of god, or any other causes beyond manufacturers control.