

# FiberTech<sub>™</sub> Encasement Products

## F51 Sealer-Coat

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(Water Based Top-Coat)  
Specialty Elastomeric Encapsulant

#### PRODUCT DESCRIPTION

**F51** is a water-based, high-solids, flexible acrylic coating that is rust-mold- dirt- weather- and fire-resistant. Suitable for application over friable damaged paint and fiber containing insulation, it bonds with F-50 Penetrating-Primer to form a tough, seamless, flexible protective enclosure.

**F51** is excellent for use over interior or exterior surfaces and is suitable for application over walls and eaves, metal or Transite siding, textured ceilings, old wood, window sills, fiber glass duct and pipe insulation, fiber-reinforced plaster, and asbestos containing fireproofing insulation on structural steel or concrete.

**F51** is ready to use and does not need to be thinned.

**F51** safely bonds, seals, protects and isolates hazardous surfaces with a tough, flexible protective film that is highly impact-resistant, weather- and household chemical- resistant.

**F50** Penetrating-Primer is to be overcoated with F51 Sealer-Coat to form an Encasement System that can be warranted for 5 to 20 years (see Limited Warranty for details).

#### BENEFITS:

Minimal Surface Preparation.  
Safely Stabilizes Aging Paint and Friable Insulation Surfaces.  
Reduces or Eliminates Disturbing Hazardous Materials and Minimizes Waste Disposal.  
Safe & Easy to Use, Non-toxic, Cleanup is with Water & Soap.  
Lowers Job-site Liabilities.  
Seals, Stabilizes & Protects Building Surfaces as it Adds Sound & Insulation Qualities.

#### TECHNICAL DATA:

- ASTM E1795-97, Non-toxic, passed all tests when used with F51 Penetrating-Primer (interior and exterior approvals).
- ASTM E84-99, Surface Burning Characteristics, Class I, Flame Spread Index = 5, Smoke Developed Index = 5, (*this is equal to NFPA 255, ANSI/UL #723, and UBC 8-1*).

- ASTM E119-98, 3-hour Fire Test (no negative effect on fireproofing performance).
- ASTM E1494-92, 2-hour Fire Test of encased fireproofing on a steel deck (no negative effect on fireproofing performance).
- Highly resistant to mold, passes ASTM D3273/D3274.
- Low odor, safe to use material.
- Tensile Strength = 300 PSI after 2 weeks, ASTM D 412.
- Low Temperature flexibility: 180 degree bend @ -15°F.
- ASTM E736-93, Passed Cohesion Adhesion Testing (over 330 psi).
- ASTM D-3960, low VOC's (0.4 lbs/gallon = 52 grams/L).
- ASTM D-1653, (0.6 perms).
- Viscosity = 123 to 132 KU
- Solids by volume 54%.
- Weight = 12.0 lb. per gallon.
- Liquid appearance – white. (custom tints and colors are available).
- Drying Time @ 77°F: To touch- 1/2 hour, Recoat after 4 hours.
- Highly resistant to cracking, chipping or peeling.

#### MAINTENANCE

Periodic inspections of Encasement Systems help ensure extended performance and reduced costs.

#### INSTALLATION

Apply with air-less sprayer, (#17 to #23 tip) brush or roll. Apply at temperatures at or above 50°F to 100°F. Apply only to surfaces with moisture content of 5% or less (use moisture meter). Coverage rates can be determined through a "Test-Patch" and refer to specific Instruction Guidelines for help estimating coverage rates on various types of substrates. For painted surfaces a coverage rate of 100-150 sq. ft. per gallon, 10-16 wet mils is recommended. For stabilizing fiber-containing insulation, a coverage rate of 40-150 sq. ft. per gallon is recommended.

#### WARRANTY

Various warranties are available for specific Encasement Systems installed by Trained Applicators.

#### Supplier:

ECI  
36 Eagle Rock Way  
Montclair, NJ 07042