

FiberTech_{tm} Encasement Products

F50 Penetrating-Primer

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(a water-based primer-sealer)

Stabilizing Elastomeric Encapsulant

PRODUCT DESCRIPTION

F50 is a water-based, clear, non-toxic primer that penetrates, stabilizes and seals friable damaged paint and asbestos fiber containing insulation materials. Properly applied, F50 can be installed without disturbing hazardous dusts or fibers.

F50 has tenacious adhesion qualities and shrinks as it dries to form a clear, tacky, protective membrane that has superior low temperature flexibility and an elongation of 4000% at 70°F.

F50 is an excellent primer to stabilize damaged interior or exterior painted surfaces including walls and eaves, ceilings, old or new wood, window sills, duct and pipe insulation, over fiber reinforced plaster, asbestos containing fireproofing insulation on steel or concrete, Transite, and fiber glass duct insulation surfaces.

F50 is ready to use and should not be diluted before application.

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 F50 Elastomeric Protective-Skin (interior and exterior approvals).
- ASTM E84-99, Surface Burning Characteristics, Class I, Flame Spread Index = 10, Smoke Developed Index = 15, (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).
- Passed University of Pittsburgh Combustion Toxicological Testing Protocol (*no acute lethality of thermal decomposition products*).
- ASTM E162-98, Surface Flammability with a Radiant Energy Source, ($F_s \times Q = I_s$).
- ASTM E736-93, Passed Cohesion Adhesion Testing (over 300 psi).
- ASTM D-3960, Zero VOC's.
- ASTM D-1653, (0.6 perms).
- Viscosity = 90 to 100 KU
- Solids by volume 45% (+/-5%).
- Weight = 8.7 lb. per gallon.
- Liquid appearance - milky white.
- Dries to a clear "tacky" finish.
- Re-coat time – 1 to 24 hours.

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
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