

TBC™

Encasement Coating for Exterior Transite



Product Description

6497-White

TBC is an elastomeric thermoplastic water based copolymer, blended specifically to seal exterior asbestos containing Industrial Fiber Cement Board (Transite®). TBC is a high solids, non-toxic blend of resins that forms a hard yet flexible finish which is ultraviolet resistant and mildew resistant. It is environmentally friendly and complies with all federal and state VOC requirements.

Application Information

SURFACE PREPARATION

Warning! If you scrape, sand, or remove old paint from any surface, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Carefully clean up with a wet mop or HEPA vacuum. Before you start, find out how to protect yourself and you family by contacting the U.S. EPA/Lead Information Hotline at 1-800-424-LEAD(5323) or log on to www.epa.gov/lead.

Consult all related Local, State and Federal regulations regarding work practices and personal protection to be used prior to surface preparation. Use a vacuum with a HEPA filter specifically designed to capture hazardous dust and waste. Use MSHA/NIOSH approved or equivalent respiratory protection suitable for concentrations and types of air contaminants encountered. All Transite substrates must be primed with one of Fiberlock's surface conditioners prior to applying TBC. For detailed and specific information regarding surface preparation, refer to the TBC specification. TBC must be applied when the atmosphere and surface temperatures are above 50°F. Do not apply when rain is imminent within three hours after last application. Inspect all surfaces to be treated to insure they are clean, dry and free of all foreign matter including: dust, rust, grease, oil, mildew, loose paint, etc. If Transite is aged and friable, use a liquid applied surface adhesive such as GripTack

to yield a dimensionally stable surface prior to application of TBC. Mix thoroughly, clear liquid present when container is opened is an integral part of the product and must be mixed in completely.

APPLICATION TOOLS

TBC can be applied by brush, roller and with most professional brands of airless spray equipment capable of a minimum output capacity of 0.50 gallons per minute.

TOOLS

SPRAY SETTINGS
Pressure: 2500 – 3000 psi
Tip Size: .019 - .021

PRODUCT APPLICATION

Apply liberally and uniformly. Multiple coats may be necessary to achieve desired dry thickness. Allow TBC to dry before applying additional coats. TBC may be top-coated with paint to provide desired color or aesthetic finish. The necessary dry film thickness of a bridging encapsulant for asbestos containing materials (ACM) will vary from project to project as ACM can have a wide range of characteristics, including density, porosity, and surface

Properties

Product Specifications	
Solids by Weight ± 2%:	59.0%
Solids by Volume ± 2%:	45.0%
Viscosity at 70°F:	95-120 Kreb Units
Specular Gloss:	5.5° ± 1 @ 60°
Flash Point:	Non-combustible
Shelf Life:	24 Months Min. (Original Sealed Containers)
Calculated VOC:	88 grams/liter
TBC complies with the requirements for LEED® EQ Credit 4.2, low-emitting materials: paints and coatings.	
Coverage	
Transite Surface:	50-100 ft²/gal
Drying Times (@ 70 - 77°F , 50% R.H.)	
To Touch:	1-2 hours
To Recoat:	8-16 hours
Minimum Application Temperature:	50°F (10°C)
Available Package Sizes	
5 gallon containers	
Weight Per Gallon ± 0.5 lbs:	11.24 lbs/gal
Product Testing	
Meets Standard:	ASTM E-1795
Certified For Use:	All 50 States



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Application Information

profile. In the EPA's Guidance for Controlling Asbestos-Containing Materials in Buildings (EPA 560 / 5-84024, June 1985), the primary instruction regarding dry film thickness states that when encapsulating ACM, the coating is to be applied "considerably thicker than recommended for painting. Coverage should be no more than 100 sq. ft. per gallon and should create a continuous, unbroken coating" (Section 5.1.3, page 5-8).

COVERAGE

Coverage depends on porosity of material and desired film thickness.

Transite Surface: 50-100 sq. ft. per gallon

DRYING TIME @ 70°F 50% R.H.

To Touch – 1 to 2 hours

To Recoat – 8 to 16 hours

To Full Cure – 12 to 24 Days

CLEAN UP

Tools and drippings should be cleaned with warm soapy water before coating dries. Follow equipment manufacturer's directions to clean spray equipment. Dispose of all waste according to current Local, State and Federal regulations.

PRECAUTIONS

Keep container tightly sealed when not in use. Close container after each use. Use adequate ventilation to avoid over exposure. Surfaces coated with TBC must be inspected routinely. Damaged surfaces should be repaired and TBC should be reapplied immediately to prevent exposure to the asbestos hazard. Do not dilute, thin or mix with any other product. Store in a dry place at temperatures between 40°F and 100°F.

Careful consideration should be given to all EPA, OSHA, and State regulations in effect at the time of application of TBC. The EPA, through the Office of Pesticides and Toxic Substances, has issued a report headed "Guidance for Controlling Friable Asbestos Containing Materials in Buildings", EPA 560/5 85-024 June 1985, containing the proper data, cautions and procedures for asbestos control. Copies are available from: TSCA Industry Asst. Office, EPA TS-799, 401 M Street SW, Washington, DC 20460, (202) 554-1404.

CAUTION!**KEEP OUT OF REACH OF CHILDREN.**

Do not take internally. Close container after each use.

Keep from freezing.

24 hour Emergency "CHEM-TEL" – 800.255.3924

For Technical Information call 800.342.3755

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of this product are beyond our control. Neither Fiberlock Technologies, Inc., nor its agents shall be responsible for the use or results of use of this product or any injury, loss or damage, direct or consequential. We recommend that the prospective user determine the suitability of this product for each specific project and for the health and safety of personnel working in the area.

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