



PRODUCT INFORMATION

Revised on December 2012

ERTECH 2110-2120 WEATHER BARRIER / DAMPPROOFING

Compliance:
ASTM D 1187, Type I
ASTM D 1227, Type II, Class 1

DESCRIPTION:

Ertech 2110: Fibered asphaltic, clay type emulsion for application by brush or spray (asbestos free).

Ertech 2120: Fibered asphaltic, clay type emulsion for application by trowel (asbestos free).

USES:

Ertech 2110 & 2120 give excellent performance in the following areas:

- Dampproofing- reduces moisture infiltration for below or above grade concrete, masonry and wood surfaces. Adheres to damp or "green surfaces."
- Weatherbarrier- provides excellent resistance to water and corrosion over various substrates, below or above grade.

BENEFITS FOR BOTH GRADES:

- Does not present a hazard from open flames or welding.
- Environmentally friendly.
- Breather- type permitting moisture vapor to expel in hot service, thus reducing blistering but resisting infiltration.
- Flexible, withstanding normal contraction and expansion.
- Resistant to chemical liquids and fumes.
- Increased UV resistance over non-fibered grade.

APPLICATION @ 50 TO 120 DEGREES F.:

Ertech 2110: applied by brush or spray.

For 1/16" wet film thickness, 4 gal. per 100 sq. ft. For 1/8" wet film thickness, apply first coat @ 4 gal. per 100 sq. ft., allow to dry 24hrs., then apply second coat @ 4 gal. per 100 sq. ft. Can be sprayed with 30:1 or higher ratio pump with the foot valve directly immersed into the material is recommended. Use a 0.029" orifice tip size for good atomization.

For membrane system, apply first coat @ 4 gal. per 100 sq. ft., apply membrane within 4hrs., allow to dry 24hrs., then apply second coat @ 4 gal. per 100 sq. ft. Can be

sprayed with airless pump or conventional air atomization. Can be sprayed with 30:1 or higher ratio pump with the foot valve directly immersed into the material is recommended. Use a 0.029" orifice tip size for good atomization.

Note: For rough or porous surfaces, Ertech 2030 can be applied as a primer for Ertech 2110.

Ertech 2120: applied by trowel.

For 1/16" wet film thickness, 4 gal. per 100 sq. ft. For 1/8 wet film thickness, 8 gal. per 100 sq. ft. For membrane system, apply first coat @ 4 hrs., allow to dry 54 hrs., then apply second coat @ 4 gal. per 100 sq. ft.

PRECAUTIONS:

Ertech 2110 & 2120 are water based emulsions. As such, both grades are susceptible to heavy moisture concentrations before curing. Rains, heavy dew, fog, or condensation may result in the material being displaced, should they occur before curing. Normal cure time, at 65° F., is approximately 24 – 48 hours, depending upon temperature and humidity. Ertech 2110 & 2120 are not recommended in ponded water areas. Good drainage is essential in obtaining acceptable performance. These products must be protected from freezing during transportation, storage and application.

TYPICAL PROPERTIES

Density, lbs/gal	8.6
Solids Content, % by Weight	50
Dry Time, Hours @ 77° F.: To touch	4-6
To Resist Surface Moisture	24-48
Consistency	Semi Paste-Like
Color (cured)	Black
Water Resistance (ASTM D 2939-94)	
Blistering	None
Re-emulsification	Nil
Resistance to Oils, Greases, & Solvents	Poor
Volatile Organic Content (EPA Method 24)	0.2 lbs/gal max
Application Ambient Temperature Range, Deg. F.	50-120
Storage Stability	Protect from freezing

SAFETY

Mixes and applications of this product present a number of hazards. Read and follow the hazard information, precautions and first aid directions on the individual product labels and material safety data sheets before using. While all statements, technical information, and recommendations contained herein are based on information our company believes to be reliable, nothing contained herein shall constitute any warranty, express or implied, with respect to the products and/or services described herein and any such warranties are expressly disclaimed. We recommend that the prospective purchaser or user independently determine the suitability of our product(s) for their intended use. No statement, information or recommendation with respect to our products, whether contained herein or otherwise communicated, shall be legally binding upon us unless expressly set forth in a written agreement between us and the purchaser/user.

Please contact ErgonArmor for further information at 877.982.7667 or FAX 601-933-3381. For all Terms and Conditions of Sale see ergonarmor.com.

ORDERING INFORMATION

For additional information, prices, or to place an order, please contact your ErgonArmor sales representative. If you do not know the name of your sales representative, call 877-98ARMOR.

