



## PRODUCT INFORMATION

---

*Revised on December 2012*

### **ERTECH 2100 DAMPPROOFING / ADHESIVE / PRIMER**

#### **COMPLIANCE:**

ASTM D 1187, Type I  
ASTM D 1227, Type III, Class 1

#### **DESCRIPTION:**

Ertech 2100 : Non-fibered asphaltic, clay type emulsion for application by brush or spray.

#### **USES:**

Ertech 2100 gives excellent performance in the following areas:

- Dampproofing – reduces moisture infiltration for below grade concrete, masonry and wood surfaces; and, above grade on the faces of cavity walls.
- Corrosion Prevention – waterproofs a wide variety of metal surfaces and structures, below grade.
- Adhesive – for polystyrene insulation.
- Primer – applied over rough or very porous surfaces prior to application of Ertech 2110 or 2120.

#### **BENEFITS:**

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, withstands normal contraction and expansion.
- Resistant to chemical liquids and fumes.

#### **APPLICATION @ 50 TO 120 DEGREES F.:**

Ertech 2100: applied by brush or spray.

- For 1/16" wet film thickness, 4 gallons per 100 sq. ft.
- For 1/8" wet film thickness, apply first coat @ 4 gallons per 100 sq. ft., allow to dry 24 hours, then apply second coat @ 4 gallons per 100 sq. ft.
- For membrane system, apply first coat @ 4 gallons per 100 sq. ft., apply membrane within 4 hours, allow to dry 24 hours, then apply second coat @ 4 gallons 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 0.027" orifice tip size for good atomization.

**PRECAUTIONS:**

Ertech 2100 is a water based emulsion. As such, Ertech 2100 is 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 2100 is not recommended in ponded water areas. Good drainage is essential in obtaining acceptable performance. This product must be protected from freezing during transportation, storage and application.

**TYPICAL PROPERTIES**

Density, lbs/gal	9.3
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.	50-100
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](http://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.

