



## PRODUCT INFORMATION

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*Revised on January 2013*

### **BH5710**

#### **DESCRIPTION:**

BH5710 is a two-component elastomeric compound of asphalt and polymers formulated for mixing and applying at ambient temperatures. After the components have been mixed for 3-5 minutes, it may be applied 1/4 inch thick on a vertical surface with little or no sag. It cures (by an in situ chemical reaction) to a tough, abrasive-resistant film which shows almost 100% elastomeric recovery from mechanical stress. It has excellent adhesion to insulation, metal, concrete, and other substrates, and due to its unusual low temperature properties, is ideal for use in extreme cold environments. It is also an excellent vapor barrier.

#### **COLOR:**

Black only.

#### **BASIC USE:**

BH5710 has several uses as an insulation accessory:

- A bedding compound to cement pre-formed insulation to piping or vessels.
- An adhesive to adhere blocks of insulation together.
- Joint sealant of block-type insulation and especially recommended where movement of insulation will be encountered at low temperatures.
- A lap cement and calk to give a seal of maximum strength and flexibility.
- On concrete and masonry, BH5710 is a moisture vapor barrier coating below grade.
- Corrosion protection of metals from acids, alkalies, salts, moisture.

#### **LIMITATIONS:**

BH5710 should not be used where it will be exposed to high concentrations of oil or organic solvents. It is subject to ultraviolet degradation and should not have long term exposure to sunlight.

#### **COMPOSITION & MATERIALS:**

BH5710 is a two-component elastomeric compound of asphalt and polymers. Component 1, the base, consists of elastomeric-forming polymers with specially processed asphalt and inert fillers. Component 2 consists of the curing agent. It is available in one consistency grade.

#### **PACKAGING:**

The two components of BH5710 elastomeric sealant are packaged to simplify mixing in the field. When the components are mixed, they are proportioned by weight. Therefore,

the components come in two-part kits, packaged for correct mixing proportions. BH5710 comes in a 4 gallon kit.

### **INSTALLATION**

#### **PREPARATORY WORK:**

Surfaces to which BH5710 is to be applied should be dry, clean, and free of dust, loose rust, and scale. On steel, sandblasting to gray metal is preferred where feasible.

#### **MIXING OF COMPONENTS:**

The viscosity of the two components are such that the contents of component 2 container can be readily poured into the component 1 and mixed at product temperatures above 60°F. An electric or air driven mixer (600 RPM minimum generating vigorous vortex), having a 5 inch or larger blade, is recommended to achieve mixing in 3-5 minutes. The mix ratio of Component 1 to Component 2 is 45.2 to 1 on a weight basis.

#### **POT LIFE:**

The pot life after mixing BH5710 is approximately 45 minutes. Shorter pot life can be expected during hotter weather.

#### **METHOD OF APPLICATION:**

BH5710 is applied by trowel. It should be protected from rain or heavy moisture during application. Equipment should be cleaned frequently with mineral spirits during use to remove curing material before it becomes fully cured.

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.

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### **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.



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