



Global Sealer Technologies

**Elephant Armor®**



**Bonding Adhesive Primer  
For Use With All Elephant Armor® Products**

# Elephant Armor® Primer

- Easy to apply – Ready to use
- Meets Requirements of ASTM C 1059-13 Type II (non-re-emulsifiable) Slurry Bond Coat.
- VOC Compliant Nationwide
- Strong chemical bond fortifies attachment of Elephant Armor® or other cement-based products to properly prepared surface
- Clean up with soap and water
- Indoor or outdoor applications

# Elephant Armor® Primer

## PRODUCT INFORMATION:

GST International's **Elephant Armor® Primer** (*white in color*) is a high solids, acrylic polymer latex bonding agent specifically designed to be used with **Elephant Armor®** on any concrete or asphalt surface. **Elephant Armor® Primer** can also be used for bonding to wood and EPS foam.

**Elephant Armor® Primer** may be used for both interior or exterior applications.

**Elephant Armor® Primer** meets or exceeds the requirements of ASTM C 1059-13, Type II (*Non re-emulsifiable*) Slurry Bond Coat.

When using **Elephant Armor® Primer** with **Surface Armor™** applications, please refer to the **Surface Armor™ Label** or **Surface Armor™ Technical Spec Sheet** for mixing instructions. visit [www.gstinternational.com](http://www.gstinternational.com)

## DIRECTIONS

### PREPARATION:

Perform surface preparation in accordance with **ICRI Technical Guidelines No. 03730**. Repair surfaces must be clean, sound and free from contaminants that can act as a bond breaker such as oil, curing compounds, acids, dirt, grease, paint and loose debris. The use of **GST International Pro-Grade Cleaner** and power washing is strongly advised in order to properly prepare the bonding surface. **Elephant Armor® Primer** can be applied to dry or slightly damp surfaces free of standing water. A blower may be used to remove any excess water.

### SLURRY/BOND COAT (Best Practice)

A **Slurry/Bond Coat** is a blend of **Elephant Armor®** with enough undiluted **Elephant Armor® Primer** (*2 parts Elephant Armor® to 1 part EA Primer*) to make a paint-like consistency. Work slurry into the repair area or substrate with a stiff masonry brush coating the entire area. Pay special attention to the corners, sides and any exposed rebar. Any rebar or steel reinforcing that has been exposed will need standard rust remediation before **Elephant Armor® Primer** is installed. **Place the Elephant Armor® Mortar before the Elephant Armor® Primer "slurry coat" dries and becomes tack-free.** If this occurs, you will need to re-apply **Elephant Armor® Primer** (*neat*) to re-establish tackiness. This application conforms to the structural bonding requirements of ASTM C 1059-13, Type II.

Application rate for the **Elephant Armor® Primer "slurry coat"** is 50 to 100 square foot per 1 gallon of **Elephant Armor® Primer** and 25 lbs. of **Elephant Armor®** (*1/2 bag*). Roughness and porosity of the concrete sub-strate will affect coverage.

### BONDING AGENT (NEAT)

Apply **Elephant Armor® Primer** undiluted by brush, roller or GST International's specially designed pump sprayer on to the prepared surface. When the primed surface becomes tacky, **place the Elephant Armor® before the EA Primer dries and becomes tack-free.** **Elephant Armor® Primer** used neat, does not conform to the structural bonding requirements of ASTM C 1059-13, Type II.

### LIMITATIONS / SAFETY PRECAUTIONS:

- Do not allow to freeze.
- Do not apply at temperatures below 40°F. (5°C)
- Do not apply over frozen or previously painted surfaces.
- Do not apply where excessive hydrostatic pressure is present.
- Protect the primer film from dirt and moisture, prior to **Elephant Armor®** being placed.

## SHIPPING & HMIS INFORMATION:

VOC: .....0 g/l  
FLASH POINT:..... N/A  
GROUND/AIR VESSEL: .....Not regulated  
Required Label: .....None  
Required Marking: .....None  
UNIFORM FIRE CODE: ..... No Data  
HMIS RATINGS: .....H - 1; F - 0; R - 0; PP - H  
SHELF LIFE: .....1 year in unopened container.  
STORAGE TEMPERATURE: .....35°-120°F (1°- 49°C).

### KEEP FROM FREEZING

### SAFETY PRECAUTIONS – IMPORTANT

#### READ BEFORE USING

Keep Away from Eyes. Avoid prolonged contact on skin. Rinse product from skin with generous amounts of fresh water. If irritation should occur, consult a physician. Do not take internally. If swallowed, consult a physician immediately. Eliminate all the ignition sources such as electrical, static, frictional sparks and pilot. Use fan in confined areas. Use local exhaust ventilation. Utilize suitable protective clothing and other appropriate PPE's to protect eyes and hands. Store products in a cool, dry place. Recap container after use. Discard container when empty.

### KEEP OUT OF THE REACH OF CHILDREN

**FIRST AID:** Should eye contact occur, flush with plenty of water for at least 15 minutes and get medical attention if vision is disturbed. For skin, wash thoroughly with soap and water. If swallowed get medical attention immediately. **DO NOT** induce vomiting.

This product is made from the finest raw materials available and manufactured to proven formulation under strict quality control for its intended use. However, results obtained with the use of this product under a variety of conditions may depend on circumstances beyond our control.

GST International, Inc. (including the seller thereof) warrants only that its products will be free from defects in materials. GST International, Inc.'s (including the seller thereof) sole obligation, and the purchaser's (including the person using or benefiting from its use) sole and exclusive remedy in the event of a defect covered by the foregoing warranty, shall be, at GST International, Inc.'s discretion, to (a) replace the defective product, or (b) refund to the purchaser the purchase price paid for such defective product. There are no warranties other than the limited express warranty provided above. In no event shall GST International, Inc. (or the seller of its products) be liable for incidental or consequential damages resulting or arising from the use of its products

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