



## **GZ-C4700-1 D Installation Instructions**

### **ENVIRONMENTAL/PERFORMANCE:**

- Solvent-Free
- Non-hazardous
- Low odor/ odorless when dry
- MICROBAN® Antimicrobial Protection
- Excellent plasticizer resistance
- Non-staining
- Excellent aged bond
- Excellent water resistance

### **DESCRIPTION:**

GZ-C-4700-1 is a solvent-free, latex adhesive formulated to provide an exceptional bond when installing rubber or vinyl stair treads, radial rubber tile or rubber sheet flooring over porous and non-porous surfaces free of moisture.

### **SUB-FLOOR PREPARATION:**

We require that moisture tests be performed on all concrete sub-floors regardless of grade level or whether or not the concrete is freshly poured or is classified as an older slab. Moisture testing should be performed by ASTM F 1869 Calcium Chloride Tests with moisture levels not to exceed three (3) pounds per Twenty-Four (24) hours per one thousand (1000) square feet or ASTM F 2170 In Situ Relative Humidity Test with readings with moisture levels when measured by this method, not to exceed seventy-five (75) percent. Additional information with regard to these tests and results can be obtained through Ground Zero Electrostatics's Technical Service Department.

**Additional information with regard to sub-floor installation and requirements can be found in ASTM F-710 or CRI 104 and 105.**

### **DIRECTIONS:**

1. All surfaces must be clean, dry, free of dust, grease, paints, oils, curing compounds, sealers, or any other foreign material which may interfere with proper adhesion.
2. Cracks and uneven surfaces must be filled with cement based patching compound such as Micro Finish or PP-Plus. M-600 may be used where there is no evidence of moisture.
3. Porous surfaces require the use of a 1/16" x 1/16" x 1/16" square notch trowel for the installation for radial tile, rubber and vinyl stair treads with gauges of 0.115 or greater. For radial tile and treads with gauges of 0.114 or less a 1/16" x 1/16" x 1/16" V-notch trowel should be used.
4. Once troweled the adhesive should be allowed to remain open for approximately 5-10 minutes before placement of the stair tread or flooring material.
5. Once placed the installed product should be rolled as quickly as possible utilizing a 100 pound 3 section roller.
6. Stair treads and nosings should be rolled with a steel hand roller.
7. For non-porous applications a 1/16" x 1/16" x 1/16" V-notch trowel should be utilized.
8. The adhesive should be allowed to dry to the touch so that there is little or no transfer of adhesive to the finger.
9. Once the adhesive reaches the dry touch state it is ready to accept flooring.
10. Rolling with a 100 pound 3 section roller should take place immediately after the material has been placed into the adhesive.





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11. From the time the adhesive is allowed to dry to the touch to the time it must be covered is approximately 45 minutes.
12. If the adhesive is allowed to remain uncovered, after initial drying to the touch, for periods longer than the recommended 45 minutes a loss of adhesion may result. Care should be taken by the installer not to spread more adhesive than can be worked within the 45 minute period.
13. When installing rubber sheet flooring over a porous surface use a 1/16" x 1/16" x 1/16" square notch trowel.
14. Trowel adhesive onto the substrate and allow it to remain open for 5-10 minutes, position flooring into adhesive, and roll the entire area in both directions with a 75-100 pound sectional roller as quickly as possible once the flooring has been positioned.
15. For non-porous surfaces a 1/16" x 1/16" x 1/16" V-notch trowel is recommended, allow adhesive to dry to the touch so as little or no transfer takes place.
16. Install flooring within 45 minutes and roll immediately with a 75 to 100 pound roller

**NOTE: For stair tread application (gauge 0.125 or heavier) a 1/8" x 1/16" x 1/8" V-notch trowel may be utilized on porous applications. The adhesive as previously instructed should remain open for 5-10 minutes prior to placement of the tread. Once placed roll tread with appropriate hand roller.**

**Caution: Do not allow adhesive to remain uncovered after the initial drying period as a loss of adhesion strength will occur. Do not spread more adhesive than can be worked within the 45 minutes time frame.**

### **COVERAGE:**

Approx. 100 sq. ft./gal with 1/16" square notch  
Approx 150 sq. ft./gal with 1/16"x1/16"x1/16" V-notch  
Approx 200 sq. ft./gal with 1/32"x1/16"x1/32"

### **CLEAN-UP:**

Soapy water followed by Mineral Spirits.

**DO NOT APPLY SOLVENT DIRECTLY TO FLOORING MATERIAL.**

### **PHYSICAL PROPERTIES:**

Wt./Gallon (lbs) 9.3  
Consistency White paste  
Freeze thaw 5 cycles @ 0°F  
Shelf life 1 yr @ 70°F in unopened container

### **Open Time:**

Up to 45 minutes (Once dry to the touch) depending upon sub-floor porosity, temperature and humidity conditions and ventilation.

**FOR MORE INFORMATION REFER TO MATERIAL SAFETY DATA SHEET.**

**KEEP OUT OF REACH OF CHILDREN**





## **WARNING!!**

Do not sand, dry sweep, dry scrape, drill, saw, bead-blast, or mechanically chip or pulverize existing resilient flooring, backing, lining felt, asphalt "cutback" adhesive, or other adhesive.

These products may contain asbestos fibers and/or crystalline silica.

Avoid creating dust. Inhalation of such dust is a cancer and respiratory tract hazard. Smoking by individuals exposed to asbestos fibers greatly increases the risk of serious bodily harm.

Unless positively certain that the product is a non-asbestos containing material, you must presume it contains asbestos. Regulations may require that the material be tested to determine asbestos content.

RFCI's Recommended Work Practices for Removal of Resilient Floor Coverings are defined set of instructions addressed to the task of removing all resilient floor covering structures.

## **NOTICE**

Various Federal, State and Local government agencies have regulations governing the removal of in-place asbestos-containing material. If you contemplate the removal of a resilient floor covering structure that contains (or is presumed to contain) asbestos, you must review and comply with all applicable regulations.

For more information contact Ground Zero Electrostatics, Inc.'s Technical Department:

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## **WARRANTY:**

Ground Zero Electrostatics's only obligation shall be to replace or pay for any adhesive proved defective when authorized in writing by the company. Beyond the purchase price of materials supplied by us, we assume no liability for any damages of any kind and the user accepts the product "as is" and without warranties, expressed or implied. The suitability of the product for an intended use shall be solely up to the user.



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