

A  
Bond  
You  
Can  
Depend  
On.™



Net: 4.25 Gallons  
(16.09 Liters)

# BBB

## System2012™

### Pressure Sensitive Adhesive 12lb Moisture Mitigation Solution

- ◆ For Use with System2012 Membrane
- ◆ 12lb MVT Warranty, See Details
- ◆ "0" VOC, Calculated
- ◆ High Solids
- ◆ Easy Application
- ◆ High Alkaline Resistance

Recommended for:

VCT &  
Vinyl Plank



System2012 is a solvent-free, non-flammable, high solids, extreme tack, "0" VOC pressure sensitive adhesive, certified CHPS for low indoor emissions. This is a specially formulated, water based, modified acrylic adhesive that bonds under high moisture conditions.

#### FLOOR PREPARATION

It is required that a series of anhydrous Calcium chloride tests be properly performed per ASTM F-1869 to determine vapor emission rate. To achieve the proper information and determine the scope or magnitude of vapor emission rates, it is imperative that the environmental systems (heating or air conditioning) be engaged along with all doors and windows being installed and closed for the duration of the test procedure. The project should be at 65-85F with a relative humidity from 40-60%. Failure to properly acclimate the area will result in incorrect test results. Follow the ASTM specification for preparation of the concrete and remove all existing materials such as paint, adhesives, curing compounds, densifiers, hardeners and sealers. Perform an insitu %RH according to F2170. Perform a pH test according to ASTM F-710. Properly document all results and procedures including environmental conditions (room temperature, humidity, moisture vapor emission readings, test placements, etc.) for future reference. Diagnostic test data must be below 12lbs/1000sf/24hrs, pH 12 and 85 %RH for warranty consideration.

#### INSTRUCTIONS

Allow System2012 to acclimate to room temperature for 24hrs prior to installation. Do not allow the adhesive to freeze. The area MUST be acclimated to at least 60F and 40%RH for at least 48hrs prior, during and following the installation procedure. The concrete must be flat and free of dust, old adhesive, dirt, paint, wax, grease, oil, curing agents, densifiers, bond breakers or substances that could inhibit bond. Use only mechanical means to prepare existing sub floor. Do not acid etch or use a chemical process for adhesive removal. Do not use sweeping compounds. The concrete MUST BE porous in order to facilitate bonding with adhesive. Fill cracks, holes, and depressions using a quality Portland cementitious compound, preferably acrylic modified. To insure porosity, shot blast the concrete using steel shot from #230 to #280 mesh profile. Take precaution, excessive shot blast operations may require cementitious skim coat application.

A 1/16" x 1/16" x 3/32" U-notch trowel will give approx. 150-200sf/gal. Double trowel to 1/16" sq-notch over skim-coat due to increased absorption.



Upon application allow adhesive to flash clear. This adhesive is not recommended for sheet vinyl, although suitable for LVT. Do not allow the adhesive to remain exposed for more than 45min. Flash time will vary according to environmental conditions. Protect areas from heavy foot traffic for at least 24hrs. Avoid furniture placement, fixture installation, wheeled traffic and maintenance operations for 72hrs. Roll flooring with an articulated roller, (75-100lbs), lengthwise, and then again at a right angle to the first line of direction per flooring manufacturers instructions. Roll shortly after installation process and again within several hrs.

#### WARRANTY

Formulators warrants System2012 free from defects in material and workmanship for a period of five (5) years when properly installed, and not to delaminate due to moisture levels not to exceed 12lbs/1000sf/ 24hrs, pH 12, and 85 % insitu RH (shelf life limited to one year from date of manufacture, stored in an unopened container at 70°F). It is necessary that an independent series of moisture evaluations be conducted prior to installation per ASTM F1869, F710 and F2170 respectively, to determine vapor emission rate in order to satisfy warranty requirements. Formulators excludes and will not pay consequential or incidental damages under this warranty. All remedies shall extend to the replacement of finished flooring materials and adhesive in affected areas only, and as determined by Formulators. The suitability of this product for an intended use shall be solely the users responsibility. Formulators makes no warranty of merchantability or fitness for a particular application, installation or purpose. No other warranty is expressed or implied. For complete warranty information, see Formulators Performance Warranty.

#### STORAGE AND SAFETY CONSIDERATIONS

System2012 should be stored in a cool, dry environment safe from exposure to oxidizers or caustics. Even though this product is solvent free, proper ventilation is recommended according to the requirements per CRI 104. This product is freeze/thaw stable to 0F, freezing of the product negates warranty. Do not reuse empty containers and keep all containers closed when not in use.

#### EXPOSURE

Eyes: Flush with water. Skin: Wash skin with soap and water when adhesive is in wet state, when dry use a solvent, (following manufacturers directions), to clean skin. Ingestion: For small amounts rinse mouth with water, for large amounts do not induce vomiting and contact a physician.

#### FIRST AID: (Reference MSDS for complete details).

**Permissible Exposure Level:** Threshold limit not established.

**Effect of Exposure/Inhalation:** No acute effects expected.

**Skin:** None known.

**Eyes:** Contact with eye may cause irritation.

**Ingestion:** Do not ingest. Target organs not known.

#### TECHNICAL QUESTIONS? Call:



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[www.FormulatorsOnline.com](http://www.FormulatorsOnline.com)