

# 9100 PRESSURE SENSITIVE ADHESIVE

## Product Information Sheet

1 Gallon (3.78 L) | 4 Gallon (15.14 L)



### DESCRIPTION:

FloorFolio® 9100 is a solvent-free, acrylic, pressure sensitive adhesive formulated to permanently install FloorFolio® Luxury Vinyl Tile and Plank Flooring. To ensure product stability and reduce joint openings, FloorFolio 9100 has been formulated to produce a firm bond line less susceptible to indentation and telegraphing. This adhesive is non-flammable and has excellent alkali and moisture resistance.

### SUBFLOOR PREPARATION

FloorFolio 9100 can be used on porous and non-porous surfaces free of moisture. Surface to be covered must be dry, clean and smooth. Any foreign materials present such as paint, grease, oil, pen markings, adhesive residues, etc. that may prevent a proper bond or migrate to the surface causing a stain must be removed. Adhesive can be used on all grades of concrete on, above or below grade in the absence of moisture. Installation of a 10 mil (0.010") or greater effective moisture retarder is recommended directly under all on and below grade concrete floors with its integrity insured. Concrete shall be prepared according to the recommendations outlined in ASTM F710 (Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring). Concrete floors shall be free from crazing, dusting, spalling and any curing or sealing compounds. Concrete floors shall be tested for moisture according to the latest revision of ASTM F2170 (Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs Using in situ Probes), and ASTM F1869 (Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride.) When tested in accordance with ASTM F1869, moisture vapor emission shall not exceed 8 lbs. per 1000, sq. ft. per 24 hours. When tested in accordance with ASTM F2170, internal relative humidity shall not exceed 90%. DO NOT install the flooring if there is hydrostatic pressure.

Wood floors must be double construction with a 1" minimum thickness, structurally sound, securely fastened and free from deflection/spring. Top layer of wood shall be underlayment grade plywood. Cracks and uneven surfaces must be filled with an approved cement-based patching compound.

### APPLICATION

Area to receive flooring shall be fully enclosed, weather tight, with an installed operating HVAC system. The installation area, flooring materials and adhesive must be acclimated at a temperature between 65°- 85°F for 48 hours prior to, during and after installation. The relative humidity of the installation area shall be maintained between 35-55% per ASTM F710 (Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring).

**Porous Substrates:** Apply adhesive with a 1/16" x 1/16" x 1/16" square notch trowel for materials with a gauge (thickness) of 0.080" or greater. Use a 3/64" x 3/64" x 3/64" U-notch trowel for materials with a gauge (thickness) of 0.080" or less.

**Non-Porous Substrates:** Apply adhesive with a 3/64" x 3/64" x 3/64" U-notch trowel.

**EnviroQuiet:** Apply adhesive with a 1/16" x 1/16" x 1/16" Square-Notch trowel.



Spread adhesive evenly using the recommended trowel. Hold trowel at a 60° angle. Replace trowels with worn notches. Do not re-notch worn notches. Once applied, the adhesive must be allowed to dry to the touch. Adhesive will become translucent and no longer have a milky appearance. Dry time will be dependent upon substrate porosity, room temperature and humidity. Position flooring within 4 hours after the adhesive has dried to dry to the touch. Immediately roll flooring in both directions with a minimum of a 100 lb. If the adhesive remains uncovered longer than the recommended 4 hours, a loss of bond strength may result. The installer should not spread more adhesive than can be covered with flooring within the 4-hour time frame.

## CLEAN-UP

Remove wet adhesive from flooring and tools with soapy water and a clean cloth. Use mineral spirits to remove dried adhesive. Do not apply solvents directly to flooring. Use caution when handling flammable solvents.

## POST INSTALLATION

Prevent all traffic for a minimum of 24 hours. Restrict heavy traffic and rolling loads for a minimum of 72 hours after installation. Do not wash or begin maintenance procedures on the floor for a minimum of 5 days after installation to allow the adhesive to properly cure.

## DESCRIPTION OF FIRST AID MEASURES

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).

**Inhalation:** Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.

**Skin Contact:** Flush with plenty of water for at least 15 minutes. Seek medical advice if irritation develops or persists. Call a POISON CENTER or doctor/physician if you feel unwell. Take off contaminated clothing and wash it before reuse.

**Eye Contact:** Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Obtain medical attention if irritation persists.

**Ingestion:** Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.

## **MOST IMPORTANT SYMPTOMS AND EFFECTS BOTH ACUTE AND DELAYED**

**General:** None expected under normal conditions of use.

**Inhalation:** May cause respiratory irritation.

**Skin Contact:** May cause mild skin irritation.

**Eye Contact:** May cause minor eye irritation.

**Ingestion:** Ingestion is likely to be harmful or have adverse effects.

**Chronic Symptoms:** None expected under normal conditions of use.

- **VOC:** <1 gram/liter per SCAQMD Rule 1168.
- **Storage:** Store adhesive in a dry, climate-controlled area.
- **Shelf Life:** 18 months from date of manufacture in unopened properly stored containers.
- **Freeze-Thaw Stability:** 5 cycles @ 0° F. Allow frozen adhesive to thaw under normal room temperature.

**FOR MORE INFORMATION REFER TO SAFETY DATA SHEET • KEEP OUT OF REACH OF CHILDREN  
24 HOUR EMERGENCY PHONE (CHEMTREC) 800-424-9300**

### **WARRANTY**

FloorFolio'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 up to the user.

### **WARNING**

Do not sand, dry sweep, dry scrape, drill, saw, beadblast, or mechanically chip or pulverize existing resilient flooring, backing, lining felt, asphaltic "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. Similarly, absent testing data or objective evidence that work with the product will not result in exposures to crystalline silica greater than allowed by applicable regulations, protection may be required. RFCI's Recommended Work Practices for Removal of Resilient Floor Coverings are a defined set of instructions addressed to the task of removing all resilient floor covering structures.

Various Federal, State and Local government agencies have regulations governing the removal of in-place asbestos containing material. If you contemplate the removal of 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 RFCI at Resilient Floor Covering Institute, 115 Broad Street, La Grange, GA 30241 / 302-882-3833

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**MADE IN THE USA** for:

**FLOORFOLIO®**

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