

## PREVAIL™ 3500 Wet Set Adhesive

Prevail™ 3500 is a solvent-free, acrylic adhesive that is designed to permanently install dimensionally stable homogenous & heterogeneous sheet flooring, luxury vinyl tile and vinyl plank. It is also formulated to provide an exceptional bond when installing over moisture-free porous and non-porous surfaces. It can be used on all grades of concrete on, above or below grade, in the absence of moisture, as well as on suspended approved wood floors (APA).

### SUBSTRATE PREPARATION:

Suitable substrates include above, on or below-grade concrete (within moisture and alkalinity specifications) APA underlayment grade plywood, radiant heated floors (85°F and below) and well-bonded and properly prepared VCT. All substrates must be clean, dry and free of dust, dirt, wax, paint, grease or any other contaminants that might interfere with the adhesive bond. Always perform a bond test prior to installation. Do not use on chemically cleaned substrates. Cracks and uneven surfaces must be filled with an approved cement-based patching compound. Wooden substrates must be structurally sound, clean and level. Moisture vapor emission rates on concrete substrates on any level must be within installation guidelines. pH must be between 7.0 and 10.0. Moisture tests must be performed on all concrete substrates regardless of grade level or age of slab. Moisture testing must be performed by one of the two following methods: either the most current version of ASTM F1869 Calcium Chloride Test, with moisture levels not to exceed five (5) pounds per one-thousand (1000) square feet in twenty-four (24) hours MVER, or the most current version of ASTM F2170 In-Situ Relative Humidity Test, with moisture levels not to exceed seventy-five (75) percent. If the test results exceed the limitations noted, the installation should not proceed until the problem has been corrected. Follow current ASTM F710 guidelines.

### APPLICATION and INSTALLATION:

The installation site must be acclimated with HVAC in operation. The floor and room temperature, as well as flooring materials and adhesive, must be maintained at 65° to 85° F, and the ambient RH (relative humidity) must be maintained between 35% and 85% for 48 hours before, during, and after the testing and installation. Spread the adhesive uniformly with recommended trowel as noted below. Place flooring into the adhesive once the adhesive has reached the appropriate amount of drying time. The amount of time in which you have to place the flooring will vary with temperature and humidity. The higher the temperature and the lower the humidity, the faster the adhesive will set.

#### Porous Substrates:

1/16" x 1/16" x 1/16" Square notch trowel=125-150sf/gallon.

Install vinyl plank and tile flooring into adhesive as it becomes dry to the touch, with little or no transfer to finger. This may require approximately 5-10 minutes of drying time at suggested installation temperature and humidity. Do not install flooring into wet adhesive. Roll the installation in both directions with a 100lb 3-section roller immediately after flooring is placed, ensuring full contact with adhesive.

#### Non-Porous Substrates:

1/16" x 1/16" x 1/16" V-notch trowel=165-200sf/gallon.

Install vinyl plank and vinyl tile flooring into adhesive as it becomes dry to the touch, with little or no transfer to finger. This may require approximately 45-55 minutes of drying time at suggested installation temperature and humidity. Do not install flooring into wet adhesive. Roll the installation in both directions with a 100lb 3-section roller immediately after flooring is placed, ensuring full contact with adhesive.

### CLEAN UP:

Remove wet adhesive with soapy water on a clean cloth. Remove dry adhesive with mineral spirits applied to a clean, lint-free cloth. Do not allow excessive amounts of soapy water or solvents to sit on the vinyl or penetrate the seams of the flooring. NEVER APPLY SOLVENT DIRECTLY TO FLOORING.

### AFTER INSTALLATION:

Restrict foot traffic for 24 hours and the movement of heavy rolling loads and heavy objects for 48 hours to allow adhesive to cure properly. Premature traffic can cause installation failure.

**PHYSICAL CHARACTERISTICS:** (70°F, RH 50%) Drying Time (Porous): Approx. 5-10 minutes. Drying Time (Non-Porous): Approx. 45-55 minutes. Working Time (Porous): Approx. 2 hours. Working Time (Non-Porous): Approx. 45-60 minutes. Product Type: Acrylic latex.

**MOISTURE VAPOR EMISSIONS:** ASTM F2170: 75% or less • ASTM F1869: 5lbs or less • pH: 7-10.

**STORAGE:** Protect from freezing.

**SHELF LIFE:** 1 year in unopened container.

### LEED PROGRAM CERTIFICATIONS (where applicable)

- IEQ Credit 4.1–Low Emitting Materials
- IEQ Credit 4.3–Low VOC ratings help qualify installations for this credit as part of a flooring system.
- MR Credit 5–Regional Materials–on jobsites within 500 miles from manufacturing location: Olive Branch, MS 38654.