



ELECTROTILE

INSTALLATION INSTRUCTIONS

SITE CONDITIONS

1. Store the flooring and adhesive in the installation area.
2. The temperature must be kept between 18 °C (65 °F) and 24 °C (75 °F) for 48 hours before, during and after installation.
3. Both flooring and adhesive must be acclimatized 48 hours prior to installation. Flooring should be removed from the pallet 24 hours prior to installation and stacked no more than 3 cartons high with at least 10 cm (4 inches) of airflow around the cartons. Do not leave boxes close to heat or cooling ducts or in direct sunlight.
4. When unpacking the tiles, some of them could have an inconsistent gloss appearance. This effect occurs during the manufacturing and packaging process and will disappear when the initial maintenance procedure is performed.
5. Avoid placing flooring in direct sunlight (window or doors) before installation, as it could create shading.
6. Flooring products with arrows on the back must be installed with the arrows all pointing in the same direction.
7. For any problem related to chemical abatement or high humidity refer to the "Remediation Systems" document.

MOISTURE TESTING

1. Follow ASTM F 710 "Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring". This includes determining Moisture Levels, Relative Humidity and pH Levels, as per the ASTM specifications listed below:
 - a. ASTM F 1869, Anhydrous Calcium Chloride test for Moisture levels. The maximum allowable readings are:
 - 5 lbs/1,000 sq. ft./24 hours (2.26 kg/92.9 sq. m/24 hours) for AD-555SF adhesive;
 - b. ASTM F 2170, Relative Humidity (RH) test using in situ probes. The maximum allowable reading is 80% RH.
 - c. ASTM F 710, pH levels (test procedure 5.3.1). The readings should be between 8 and 10.
2. The ASTM test frequency recommendation is 3 measures for the first 1,000 sq. ft. (92.9 sq. m) and one measure for each additional 1,000 sq. ft. (92.9 sq. m).
3. Ensure Moisture, Relative Humidity and pH tests have all been conducted according to the latest ASTM version, and measures meet manufacturer's specifications.
4. For all grade installations (on, above or below), it is the flooring contractor's responsibility to ascertain that there is not too much moisture in the concrete and that it will not increase at a future date above the recommended levels. American Biltrite will not be responsible for hydrostatic pressure which may occur in the future.

SUBFLOOR PREPARATION

1. Porous surfaces: for construction-grade plywood, cementitious underlayments, dry concrete that is above, on or below grade, refer to ASTM F 1482 "Standard Practice for Installation and Preparation of Panel-Type Underlayments to Receive Resilient Flooring" for general guidelines. A porous concrete surface will absorb a drop of water within 5 minutes.