



Roller Applied Adhesive

■ One coat application ■ Instant grab

TUFFTAK RA 9000 is a revolutionary solvent free, easy to use advanced aqueous adhesive suitable for interior installations of luxury vinyl tile (LVT) and plank (LVP). The adhesive is applied using a 3/8" nap paint roller and dries quickly to facilitate fast installation times. TUFFTAK RA9000 provides an instant, permanent bond.

Advantages:

- Contains an anti-microbial system
- CA SCAQMD Rule# 1168 Compliant
- Meets requirements of CA Section 01350 for indoor air quality

Before you begin:

Important: Proper substrate preparations are essential. Moisture testing must be performed and documented before installation begins. Read Tuff Plank's Technical Bulletin titled Substrate Preparation for complete instructions before beginning installation. If you have questions or need a copy of this document, contact International Builder Supply at (855) 443-8833.

Substrate preparation:

NOTE: A CLEAN SUBSTRATE IS ESSENTIAL! Suitable substrates include on or above grade concrete (within moisture and alkalinity specifications), well-bonded and properly prepared tile or sheet goods, APA underlayment grade plywood and radiant heated floors (85°F and below). All substrates must be clean, smooth, dry and free of waxes, existing adhesives, dirt, dust, grease, oil, paint curing compounds or sealers. This adhesive cannot be used over chemically cleaned or treated substrates. RA 9000 is not for use in conjunction with any substrate primer or sealer. The installation site must be acclimated with HVAC in operation. The substrate and room temperature, as well as flooring materials and adhesive, must be maintained at 65°-85°F and the humidity between 40%-65% for 48 hours prior to, and during the testing, and permanently after the installation. The substrate temperature must be at least 5 degrees F. higher than the Dew Point. Testing the substrate with an impedance meter (refer to ASTM F2659) is recommended due to possible issues related to topical moisture from dew point conditions. Substrate surfaces must not read over 4.0% on the impedance meter. All substrate preparation and testing procedures must conform to appropriate ASTM F710 guidelines, and comply with the floor-covering manufacturer's specification.

Application:

A roll-on application method is recommended to achieve a smooth even full-spread coating. Spread rate and drying time of the adhesive will depend on the porosity and texture of the substrates and the ambient temperature and relative humidity. Overly absorbent or rough substrates will require two coats. Once the coating has dried, it must be kept clean and apart from any contact with other surfaces until ready to begin the bonding process. Do not spread more adhesive than can be covered in 4 hours.

Installation:

Once the TUFFTAK RA9000 has dried, carefully position the flooring tiles to achieve a precise fit and proper alignment before pressing or rolling the assembly. After placement, use a hand roller to lock the tiles in place. When all the tiles are down, roll the entire assembly in both directions with 100 lb. roller to achieve full adhesive contact.

Note: After the assembly is rolled or pressed into place, re-positioning is usually not possible. Normal traffic on flooring installations may resume as soon as the installation is completed. Wait at least 48 hours before beginning cleaning and polishing, or follow the flooring manufacturer's guidelines.

Coverage:

Approximately 350-400 square feet per gallon when applied with a 3/8" nap paint roller.

Clean up:

Wipe up spills and drips with a clean wetted cloth. Dry adhesive may require the use of an appropriate solvent cleaner.

Substrate Conditions:

Moisture testing on concrete substrates on any level must be performed in accordance with the most current version of ASTM F2170 In-Situ Relative Humidity Test, with results not to exceed 85%RH in-situ, and pH must be between 8.0 and 10.0.

Shelf Life: 2 years from date of manufacture in unopened, properly stored container. Avoid excessive heat or cold. Protect from freezing. Store indoors at a temperature of 65°-95°F.

Precautionary Statements: In case of eye contact, flush with water for 10-15 minutes. If irritation persists contact a physician. If prolonged skin contact causes irritation, wash with soap and water. If swallowed, consult a physician. Avoid release to the environment. Safety glasses and gloves are recommended if contact is expected. Dispose of in accordance with local, regional, national, international regulations as specified. Read SDS for detailed product information. SDS may be obtained by calling (855) 443-8833.

LEED Program Credits (where applicable)

- IEQ Credit 4.1—Low Emitting Materials
- MR Credit 4.2—Adhesives made with 20% post-consumer recycled content
- 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 100 miles from manufacturing location: Dalton, GA 30721 USA.

Disclaimer: Users should determine the suitability of this information or product for their own particular purpose or application. Manufacturer is not responsible for the misuse of this product. This Technical Data sheet and the information conveyed herein supersede all previous versions. RD081616



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