



## TILE INSTALLATION INSTRUCTIONS

TECHNICAL SUPPORT 800.345.6202

### A. INTRODUCTION

Reztec is an easy to maintain, hard wearing general purpose flooring material suitable for a wide range of installations. A blend of post consumer (recycled tires) and pre consumer waste rubber, Reztec is held together with a urethane binder. This blend is randomly mixed and heated in a cylindrical mold. After the heating process is complete, the cylinder (log) of Reztec is cut into the desired thickness utilizing a circular blade (knife) that “peels” the log. Blade or “knife” marks are inherent and not considered defects. Knife marks may show more in colors with a high percentage of black. Shade variations due to the random mixing process may also be visible in the product. The addition of a sealer will reduce the natural yellowing process of the binder. It is the installers’ responsibility to properly blend Reztec tiles.

**Please read *Pre-Installation Guidelines* (Document ID: 010) for complete pre-installation instructions. If these guidelines are not followed, installation failure may occur.**

### B. ACCEPTABLE SUB-FLOOR

- **Wood:** Must be smooth, level, structurally sound. Do not use oil treated or otherwise coated wood material. New plywood: AC plywood.
- **Concrete:** Must be leveled and patched. Expanko recommends *Ardex* products.
- **Gypsum Based Underlayments:** May be used if rated greater than 2500 psi and if they are suitable for the specific installation. Gypsum based products tend to contain high levels of water when poured, it is imperative that moisture tests are performed to ensure moisture emissions are within the required guidelines. Do not install Reztec colors with 50% or greater black content over gypsum-based underlayments of any kind.
- **Steel, Aluminum and Fiberglass:** Must be clean, dry and free of paints, oils, grease or any other contaminants that may cause bonding problems. The surface must be properly abraded to ensure adequate bonding.

Sub-floor must be dust free prior to installation.

Level Tolerance: 1/8" in 10 ft

Recommended Leveling Compound: Expanko recommends *Ardex* products.

Moisture Emission Level:  $\leq 3\text{lb} / 1000\text{ft}^2 / 24 \text{ hrs}$

pH Level: 7-10

## INSTALLATION INSTRUCTIONS

1. Acclimate adhesive and flooring at the site for at least 72 hours prior to installation. Temperature during acclimation period must be maintained between 65° F and 75° F and the relative humidity must be constant.
2. Use **Expanko Reztec Adhesive** with ONLY a 1/16" x 1/16" x 1/16" square-notch trowel.
3. Trowel adhesive slowly, with the trowel in contact with the sub-floor leaving only lines of adhesive. Excessive adhesive will cause air pockets/bubbles in the floor.
4. Reztec must be laid into adhesive before the adhesive sets. **Working time is typically 30-45 minutes.** Do not install flooring after the adhesive has dried as it loses all adhesion properties.
5. Reztec tiles are cut from rolls and as a result may have a slight curl to them. In this case, install tile with curl down.
6. Install the first row of material. Allow adhesive to set or otherwise secure first row into place prior to proceeding with installation. Materials may then be installed using the wet lay method, working off the previously installed material.
7. All tiles should be laid so that seams fit tightly together but do not push tiles together and cause peaks. Blue masking tape must be used to hold seams tight prior to adhesive cure.
8. Do not walk on installed material as it can move underfoot prior to initial cure.
9. Pay attention to direction when installing Reztec Jet series tiles, as they can be visually directional.
10. **Roll floor with an 80 lb 3 section roller 3 times: 10, 20 and 40 minutes after installation.** Be sure to check for air-bubbles, raised edges or other areas not adhered. These areas will need to be weighted or tacked down for a period of 12 hours. If air-bubbles or raised areas become apparent after adhesive has cured, adhesive can be injected under flooring.
11. Clean any adhesive from the surface of the tiles while wet, as it is difficult to remove when dry.
12. Initial cure occurs within 1-2 hours. Light traffic is allowable after 8-10 hours and normal traffic after 24 hours.

**Reztec should be sealed to make maintenance easier; however no cleaning and/or sealing should be done for at least 72 hours while the adhesive cures.** After 72 hours we recommend Reztec be sealed with at least one coat of sealer to avoid possible construction site damage. Unsealed floors can be difficult to clean.

**Please note light colors of Reztec may darken or and yellow when exposed to sunlight.**

The following documents are available on our website [www.expanko.com](http://www.expanko.com) or by calling 800.345.6202: *Pre-Installation Guidelines (Document ID: 010)* *Reztec Care and Maintenance Instructions (Document ID: 311)*