



# Step-By-Step Application Guide

## Tile Rescue™ Injection Repair Adhesive – 10.5 fl. oz. Cartridge

This guide walks you through the proper **surface preparation** and **application process** for repairing hollow or loose tiles and planks using Tile Rescue™ Injection Repair Adhesive. Follow each step closely for optimal bond strength and performance.

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### Surface Preparation

#### 1. Locate the Problem Area

- Use a **wooden dowel or tool handle** to gently tap along the flooring, listening carefully for a **change in sound**—a hollow or dull tone indicates a void beneath the tile or plank.
- Once located, **mark the perimeter** of each affected area using painter's tape or chalk to guide your drilling and adhesive application.

#### 2. Drill Injection Holes

- Using a **masonry or standard drill bit**, drill **1–2 holes straight down** on each side of the affected tile or plank.
- Always **drill within the grout line** to preserve the appearance of the flooring and prevent damage.
- Carefully avoid making contact with the tile edges or subfloor.
  - **Recommended drill bit sizes:**
    - **Tile applications:** 1/8" to 1/4"
    - **Plank flooring applications:** 9/64"

#### 3. Clean Out Debris

- Use a **vacuum** over each drilled hole to remove loose dust, debris, or particles.
- While vacuuming, **lightly tap the area with a rubber mallet** to further dislodge hidden debris and ensure a clean cavity for adhesive bonding.



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## Application Instructions

### 4. Prepare the Cartridge

- Remove the cap from the Tile Rescue™ cartridge.
- Cut the nozzle tip so that it **fits snugly into the drilled holes**—avoid cutting too wide, and ensure it does **not touch the subfloor** when inserted.
- To open the cartridge for use:
  - **Unscrew the nozzle** from the threaded cartridge nub.
  - With a utility knife, cut an opening directly above the cartridge nub thread line.
  - Screw the nozzle back on securely and keep the cartridge **upright** to prevent premature flow.

### 5. Apply the Adhesive

- Load the prepared cartridge into a **full-framed caulk gun (8:1 to 10:1 thrust ratio)**.
- Insert the nozzle firmly into the first drilled hole and begin **slowly dispensing the adhesive**.
- Continue applying until **adhesive visibly overflows from adjacent holes**—this ensures the cavity is completely filled.
- Repeat for all drilled holes in the marked area, taking care to **avoid adhesive drippage** when moving between holes.

### 6. Set and Cure

- **Immediately wipe away excess adhesive** using a damp sponge or cloth.
- Place a **20-pound weight** (such as a bucket of water, stack of books, or tool case) on the repaired area to help the flooring bond evenly.
- Clean up any additional overflow that may occur and allow the adhesive to **cure undisturbed for a minimum of 24 hours**.



## 7. Fill and Finish

- After the adhesive has fully cured, **fill each drilled hole** with matching grout (for tile) or wood filler (for plank).
  - Smooth the filler flush with the surface and allow it to dry completely.
  - Once dry, **wipe the area clean with a dry cloth** to restore the floor's appearance.
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### For Best Results

- NOT recommended for use on floating floor systems that utilize click-lock edges or underlayment. It can be used to repair glue-down laminate and luxury vinyl flooring. Ensure the product is tested in one repair area first before applying it to others.
- Not recommended for use on carpet flooring.
- Use Red Devil® Revolving Barrel Caulk Gun (3988) or similar half-barrel/full-framed 8:1 to 10:1 thrust ratio caulk gun. Avoid using a skeleton-frame caulk gun for application.
- Ensure the tile floor is installed properly using adequate expansion joints. Stress on the tiles will limit the success of this product.
- When repairing heated floors, ensure heating elements are turned off for 48 hours before, during, and after application.
- When repairing bathroom & shower tile, ensure the subfloor is free of moisture before application, and the surface is adequately sealed after the adhesive has fully cured.
- Can be used as a general flooring adhesive to reattach entirely removed tiles or planks.
- Recommended for minor wood floor applications.

# Step-By-Step Application Guide

## Tile Rescue<sup>™</sup> Injection Repair Adhesive – Gallon Jug & Syringe

This guide walks you through the proper **surface preparation** and **application process** for repairing hollow or loose tiles and planks using Tile Rescue<sup>™</sup> Injection Repair Adhesive. Follow each step closely for optimal bond strength and performance.

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### Surface Preparation

#### Step 1: Identify the Problem Area

- Using a **wooden dowel or tool handle**, gently tap along the floor to **locate hollow or loose spots**. Listen for a change in sound (a dull or hollow tone).
- Once detected, **mark the perimeter of each affected area** with tape, chalk, or other non-permanent indicators.

#### Step 2: Drill Injection Holes

- Using a **standard or masonry drill bit**, drill **1–2 holes straight down on each side** of the tile or plank within the marked area.
- Drill only within the **grout line**, avoiding direct contact with the tile or subfloor.
- **Recommended drill bit sizes:**
  - **Tile applications:** 1/8” to 1/4”
  - **Plank flooring applications:** 9/64

#### Step 3: Clean Out Debris

- Place a **vacuum nozzle over each drilled hole** to remove loose particles and dust.
- While vacuuming, **gently tap around the area with a rubber mallet** to help dislodge debris trapped beneath the surf

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## Application Instructions

### Step 4: Prepare and Apply Adhesive with Syringe

- Use a **60 mL syringe equipped with a 14-gauge blunt-tip needle** for application.
  1. Remove the plunger from the syringe.
  2. Fill the empty barrel with **Tile Rescue™ Injection Repair Adhesive**.
  3. Reinsert the plunger securely.
- Insert the needle tip into the first drilled hole and **slowly and consistently depress the plunger**, injecting adhesive into the void below.
- Continue injecting until **adhesive visibly overflows from the adjacent holes**. This indicates that the cavity beneath the flooring is fully filled.
- **Repeat this process for each hole** to ensure complete coverage and a uniform repair.

### Step 5: Set and Cure

- Immediately **wipe away excess adhesive** from the surface with a damp sponge or cloth.
- Place a **20-pound weighted object** (such as a bucket of water, toolbox, or heavy book) over the repaired area to secure the bond.
- Remove any additional overflow that may appear during settling.
- Allow the adhesive to **cure undisturbed for at least 24 hours**. Avoid walking on or placing stress on the area during this time.

### Step 6: Fill and Finish

- After the adhesive has fully cured, **fill the drilled holes** using a matching grout (for tile) or wood filler (for plank).
- Smooth the filler over the holes to blend with the surrounding surface.
- Once dry, **wipe the area clean with a dry cloth**.
- Clean up any additional overflow that may occur and allow the adhesive to **cure undisturbed for a minimum of 24 hours**.

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## **For Best Results**

- NOT recommended for use on floating floor systems that utilize click-lock edges or underlayment. It can be used to repair glue-down laminate and luxury vinyl flooring. Ensure the product is tested in one repair area first before applying it to others.
- Not recommended for use on carpet flooring.
- Ensure the tile floor is installed properly using adequate expansion joints. Stress on the tiles will limit the success of this product.
- When repairing heated floors, ensure heating elements are turned off for 48 hours before, during, and after application.
- When repairing bathroom & shower tile, ensure the subfloor is free of moisture before application, and the surface is adequately sealed after the adhesive has fully cured.
- Can be used as a general flooring adhesive to reattach entirely removed tiles or planks.
- Recommended for minor wood floor applications.