

Repose Solid Loose Lay Vinyl™ INSTALLATION INSTRUCTIONS

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NOTE: This document may have been updated and revised. Visit floorfx.com for the most current version of this guide, warranty information, and maintenance guidelines.

REQUIRED MATERIALS:

- FloorFX FLEX 3022 Pressure Sensitive Adhesive or FloorFX FLEX SP Aerosol Flooring Adhesive

RECOMMENDED TOOLS AND MATERIALS:

- Safety glasses
- Measuring tape
- Square
- Roller
- Utility knife
- Pen
- FloorFX PRE-FLEX Primer, if applicable
- Vinyl plank cutter, if desired

RECOMMENDED TOOLS AND MATERIALS FOR FLOOR PREPARATION, IF APPLICABLE

- Floor patching compound
- Trowel
- Embossing leveler
- Scraper
- Grinder

ACCLIMATION

Repose Solid Loose Lay Vinyl must be acclimated prior to installation. Store unopened boxes of Repose Solid Loose Lay Vinyl in the room where it is to be installed for 48 hours prior to installation. Boxes must be placed on a flat and level surface, stacked no more than five (5) boxes high. Never store boxes on their sides. Room temperature must be kept between 65°F– 85° F (18.3°C– 29.5° C) for the entire acclimation and installation period.

SUBSTRATES

Concrete Substrates

Repose Solid Loose Lay Vinyl flooring can be installed on-grade, above-grade or below-grade concrete subfloors. Concrete floors must be constructed in accordance to local codes and construction standards. Concrete should have a minimum compressive strength of 3500 psi. Installation of a moisture vapor barrier is recommended prior to pouring of on or below-grade slabs. Moisture Vapor Emission Rate (MVER) should not exceed 5 lbs / 1000 sq.ft. / 24 hours per ASTM F-1869. Moisture must be tested according to ASTM F 2170. According to this method, the internal relative humidity should not exceed 85% and the pH levels should be between 5-9.

Gypsum Substrates

Repose may be installed over flooring grade gypsum subfloors when properly installed over a subfloor that is structurally sound and flat within 3/16" per 10 foot radius (4.7 mm per 3 m).

Gypsum and lightweight concrete substrates should be in accordance with the listed standards listed in section A below. Unprimed gypsum substrates may have a dusty surface and be porous, which will lead to an adhesion bond failure if not properly sealed and troweled. It is the responsibility of the installation contractor to obtain verification from the general contractor or responsible party that the gypsum was properly sealed with the gypsum manufacturer's recommended sealer. Conduct testing according to the appropriate ASTM Test Method for Gypsum Surfaces.

- a. Gypsum surfaces shall be in accordance with and properly prepared in accordance to the appropriate ASTM specifications listed above.
- b. Conduct a surface porosity test to ensure the surface has been properly sealed. If the water is quickly absorbed, stop installation and contact FloorFX Technical Services at 503-222-0745.
- c. Check moisture content of the gypsum substrate via the appropriate method according to the ASTM standards listed above. Moisture content of the substrate shall not exceed the adhesive requirement or 75% RH or 3

lbs/1,000 sf/24 hours MVER. When using the D4263 Test Method, no discoloration of the surface should be seen.

- d. All patching compounds must be recommended for us with gypsum, gypcrete, or lightweight concrete surfaces by the patch compound manufacturer. Follow the manufacturer's instructions regarding use, mixing, and application.
- e. All gypsum surfaces must be properly primed according to the gypsum manufacturer's instructions, or when there are no instructions, follow the instructions from the adhesive manufacturer.

Wood Subfloors

Suitable wooden subfloors include 3/4" (19mm) exterior grade and APA approved plywood, flooring grade OSB and particleboard. The panels must have a fully sanded face and deflection shall not exceed 3/64" (1.1mm). These subfloors must be clean, structurally sound, dry, smooth and flat.

A moisture test is required using an invasive moisture meter. The maximum allowable moisture content must not exceed 14%.

Other Substrates

Quarry tile, terrazzo and ceramic tiles are suitable substrates provided there are no irregularities, damages, and that they are flat. Any embossing or grout joints must be leveled off with a Portland Cement-based leveling compound. Existing single layer resilient is also suitable provided it is not cushioned and is well bonded to the subfloor.

Radiant Heated Floors

Repose Solid Loose Lay Vinyl may be installed over radiant heated floors provided the operating temperature never exceeds 84° F (29.4° C). The radiant heating system must be in operation for three weeks prior to installation of the flooring. 48 hours prior to and during installation, the system must be kept at 65° F (18° C). Once the installation is completed, the heat must be gradually increased by a maximum of 5°F per day until the desired setting is reached.

PRE-INSTALLATION INSTRUCTIONS

- o Check box labels to ensure that they are the correct product. Inspect all planks for visual defects and damage prior to and during installation. Do not install damaged or defective planks. FloorFX will not accept responsibility for claims on flooring installed with obvious defects.
- o Room temperature must not be less than 65° F (18° C) for 48 hours prior to, during and 48 hours after installation.

- o Substrate must be free of dust, debris, paint, varnish, wax, oils, solvents and any other foreign matter. Any adhesive residue from prior installations must be completely removed.
- o Substrate must be secured.
- o High spots in substrate should be leveled and low spots should be filled with a cement-based floor patch material to ensure substrate is level to within 3/16" in 10 ft. (4.7 mm in 3 m).
- o During installation, open several boxes at a time and mix planks from different boxes for best results and overall appearance.
- o During installation over an existing resilient flooring material, an embossing leveler may be required to prevent the existing material pattern from telegraphing through the new material.

WARNING! DO NOT SAND, DRY SWEEP, DRY SCRAPE, DRILL, SAW, OR MECHANICALLY CHIP OR PULVERIZE EXISTING RESILIENT FLOORING, BACKING, LINING FELT, ASPHALTIC "CUTBACK" ADHESIVES OR OTHER ADHESIVES. These products may contain either asbestos fibers and/or crystalline silica. Avoid creating dust. Inhalation of such dust is a cancer and respiratory tract hazard. Smoking by individuals exposed to asbestos fibers greatly increases the risk of serious bodily harm. Unless positively certain that the product is a non-asbestos-containing material, you must presume it contains asbestos. Regulations may require that the material be tested to determine asbestos content and may govern the removal and disposal of material. See current edition of the Resilient Floor Covering Institute (RFCI) publication Recommended Work Practices for Removal of Resilient Floor Coverings for detailed information and instructions on removing all resilient covering structures. For current information go to www.rfci.com.

INSTALLATION INSTRUCTIONS

Repose Solid Loose Lay Vinyl must be installed residentially using the perimeter glue method FloorFX FLEX 3022 Pressure Sensitive Adhesive or FLEX SP Aerosol Flooring Adhesive.

Residential Installations

1. Remove thresholds and baseboards before measuring the room to calculate how much flooring to purchase. Calculate the total square footage required by multiplying length times the width of the room (plus the area of any closets). Add 5-10% for a waste factor. It is recommended to have 5+ planks for replacement should any become damaged.
2. Remove any existing floor covering that is not suitable to install Repose over. If removing carpet or vinyl, a power scraper and citrus-based solvent may be needed to

remove old adhesive. Rinse the floor with water after using a citrus-based solvent & let dry to reduce pH.

3. Use a patching compound to fill in any cracks and holes in your subfloor. Work the compound into the hole with a putty knife or trowel and level it off. Once the substrate is smooth and even, sweep or vacuum the subfloor thoroughly.
4. Repose Solid Loose Lay Vinyl planks must be glued to the substrate around the perimeter of the room with a 10-12" (25-30cm) band of pressure sensitive adhesive. The planks are to be fitted to the walls leaving a 1/4" expansion gap. In areas where there may be heavy traffic such as a hallway, areas exposed to direct sunlight and areas where there may be wheeled traffic, a full-spread adhesive method is required using a Repose approved adhesive. Failure to do so voids all warranties, express or implied, the end user shall assume full responsibility for any failure of the flooring, and FloorFX shall be released from any claims, damages, or liabilities whatsoever arising out of or related to the failure to install the flooring with approved adhesive under these conditions.
5. If a room is greater than 13' (4 meters) in any dimension, a grid pattern of adhesive is required. A strip of 10-12" (25-30cm) must be applied in both directions in the middle of the room. In even greater areas, a grid pattern of adhesive must be applied every 10'x10' (3m x 3m).
6. Additionally, adhesive must be used at areas of potential movement, such as near appliances, at stair landings, doorways, and pivot points. The floating planks and the glued down planks may be installed in tandem wherever the need for adhesive is required. Make sure to apply the adhesive only when planks are ready for installation. Follow the directions per the adhesive supplier.
7. Starting at one corner of the room, lay down the first row of planks moving toward the other wall. Planks do not have any particular direction; they can be installed either from left to right or from right to left. After laying a row, apply pressure (at a 45° direction) to the planks using a weighted roller to remove any trapped air, ensuring planks make complete contact to the substrate.
8. When placing the second row and every subsequent row, stagger the end joints a minimum of 8" (20 cm) apart from the previous row. Staggering the vinyl planks creates a more authentic visual appearance. In order to accomplish this you may need to cut a plank to start a row. Ends that have been cut should be placed against the wall. Use a vinyl plank cutter or a utility knife with a square to cut the plank at a 90-degree angle to the desired length. Planks that are against the wall also need to be a minimum 8" (20 cm) in length. It's critical to ensure there are no gaps between the planks; they must be fitted tight to each other on all four edges.
9. Should there be adhesive residues on the surface of the floor, and the adhesive is still wet, use a clean white cloth

dampened with warm water. If the adhesive is dry, use acetone or mineral spirits to wipe it away.

Commercial Installations

For all commercial installations please refer to the residential procedures in the previous section. However, all commercial application must be installed using the full spread adhesive method. Every plank must be glued to the substrate using an approved Repose adhesive.

POST-INSTALLATION

Follow Repose Maintenance Instructions found at floorfx.com.

Important Notices

- Use plywood to cover the flooring when moving heavy furniture or appliances into position.
- Use floor protectors under the legs of furniture and chairs.
- Post-installation temperature must be maintained between 65 °F - 85 °F (18.3 °C - 29.4 °C).
- Relative humidity must be maintained between 40% and 60%.
- Avoid exposure to long periods of sunlight. FloorFX requires the use of UV protective film, blinds, curtains or shades to ensure Perform is protected from sun and are not overheated due to this exposure, which may cause buckling.

WARRANTY

For warranty information, visit floorfx.com.