

# WARNING

This SPC Dryback flooring requires the installer to follow special instructions that differ from installation of regular LVT. Please note that the key to a successful installation rests on these key points:

- The recommended adhesive and trowel size must be used. We've chosen Titebond #675 as the recommend adhesive because based on our tests and tests done by Titebond, it has the highest peeling resistance of comparable adhesives on plywood and concrete substrates, in both dry and water soaked tests.
- Before installing the planks, the adhesive must be given enough time to gel/cure, to the point that it no longer transfers to your hand when pressed hard. Once the moisture has evaporated from the adhesive, only then it has the strength needed to grab and hold the planks down. The gel/cure time depends on various factors including room temperature, humidity and substrate. This stage is faster in wood based subfloors compared to concrete or other less porous or non/porous substrates. On our testing, concrete floors at 65F can take upto 3.5 hours to be ready after the adhesive has been spread. On wood subfloors, the time will be about 2 - 2.5 hours.
- Rolling the planks with the heaviest roller you can find, is very critical. You must use a minimum of 150lb roller. If you find edges lifting in certain spots, do not pull up on the planks to push more glue under it. It will distort the shape of the plank. One simple remedy is to use a skateboard and weights on the board (200lbs+) to roll over the edges. This can be done days after the initial installation. The glue remains tacky for a long period.
- As is the case with any vinyl flooring, plastic expands and contracts with temperature changes. SPC is the most stable of all vinyl flooring, however drastic temperature variations can still lead to failure. The installation should take place at normal room temperature range and room should be kept at normal temperature range after installation. If the planks were stored at very low temperatures (below 60F), please give them 24 hours to acclimate at room temperature.
- The subfloor should be flat to 3/16" over 10 foot radius. Gradual humps on the floor should not cause you problem. However if the floor has a sudden ridge, like a height difference between two sheets of plywood, or a crack in the concrete that created a height difference on two sides of the concrete, then these areas need to be patched and smoothed so the height difference is gradual over a wider area.

# RIGID SPC

WATERPROOF, GLUE DOWN FLOORING

## RIGID SPC Dry Back installation Instructions

### General Information

Although SPC does not generally require acclimation, if the product was stored in an environment that is much colder (55°F or below) than room temperature, it is recommended that the product be allowed to acclimate for 24 hours in normal room conditions before its installed. After installation, maintain room temperatures between 65°F (18°C) and 87°F (30°C).

### Adhesive

Use the following adhesives with RIGID SPC Dry Back:

- TITEBOND 675



### Tools and materials

- Adhesive Titebond 675
- 1/16" x 1/16" x 1/16" Trowel
- 150 pound, 3 section roller
- Chalk Line
- Carpenter square
- Utility Knife
- Cutting board
- Tape measure

### Preparing the Area

- Remove all furniture, appliances, and fixtures from the room.
- Remove all binding strips or other restrictive molding from doorways, walls, etc.
- Undercut wood door casings where possible so that flooring can be slid under it

## Subfloor

### Preparation

- All subfloor surfaces must be flat, clean, dry, smooth, and free of movement.
- **Flat** within 3/16" in a 10' radius and or 1/8" in a 6' radius.
- Sand high areas or joints and fill low areas with a high compressive strength Portland base compound.
- Completely remove all residual adhesive with an approved method from the subfloor.
- Test moisture content of the subfloor. Do not install if moisture test results exceed the recommend limits of the adhesive manufacturer.
- Generally 80% of installation time is spent on subfloor prep. Its key to having a successful installation.

### Concrete Subfloors

Concrete subfloors must be dry, smooth, and free from dust, solvent, paint, wax and grease, sealing compounds, oil or any other materials that might prevent the adhesive from bonding. The surface must be hard and dense and not flaking. New concrete slabs must be thoroughly dry (at least sixty days) and completely cured. Curing agents, surface hardeners and other additives may cause adhesive bond failure. These should be removed by sanding or grinding.

### Wood Subfloors

Nail or screw any area that is loose or squeaky. Wood panels should be installed according to the manufacturer's recommendations. There should not be height difference between any two wood floor panels. If there is, fill and smoothen out the height difference. SPC planks are rigid, and you don't want any voids under the plank due to these high/low spots on the subfloor.

## Installation

**Note:** To properly apply adhesive snap white chalk lines along areas where adhesive will be spread to ensure an even and straight line of adhesive. Spread adhesive with a 1/16" (wide) x 1/16" (depth) x 1/16" (apart) trowel to cover the chalk line on one side and meet up to it on the other. If glue is spread over the chalk line it will need to be removed. (**DO NOT** overlap adhesive.) Be very careful not to leave any adhesive ridges or puddles.

**Porous substrates (wood and concrete):** Rigid SPC flooring must be installed in dry lay method. Give adhesive time to flash (skin over). It **should not leave any residue** on your hand when touched. It can take between 2 to 3.5 hours depending on room temperature and humidity. When the adhesive is ready, it will generally change color. Please read the instructions on the adhesive. Roll with a 150 lb. roller immediately after flooring is placed, ensuring complete contact with the adhesive. Check the installation few hours after rolling and roll again if necessary and ensure complete bonding.

**Non-porous substrates (existing glued vct, etc):** Install Rigid SPC flooring into adhesive when it has flashed (is tacky with **NO** transfer to fingers). In non-porous substrates, it might take 3 to 4 hours depending on room temperature to reach this stage. Roll with a 150 lb. roller after flooring is placed, ensuring material has complete contact with adhesive. After few hours, check the floor and roll again if necessary and ensure complete bonding.

**IMPORTANT :** Adhesives provide a tacky, strong bond when they are given enough time to flash after its spread. Do not rush to install before the adhesives has set to gel/cured state. The adhesives should be dry to the point that it doesn't transfer to your finger when touched. This is when the adhesives has the strongest ability to grab onto the planks. Planks can be rolled days after, if necessary. Use the heaviest roller you can find. A skateboard with 200lbs on the board can also work to push down any peaking edges.

## Tips & Warnings

- Sweep regularly, with a soft bristle broom.
- Use felt protectors under heavy pieces of furniture and chairs, and regularly clean them.
- Replace hard plastic, metal casters or wheels on furniture with soft rubber casters or by using a protective mat under the casters.
- The sun's UV rays can change the color of your floor.
- Keep animal nails trimmed.
- Protect your floor when using a dolly for moving furniture or appliances. Never slide or roll heavy furniture or appliances across the floor.

## WARRANTY COVERAGE

**Manufacturing Defect:** During the period of the warranty, this product will be free from manufacturing defects.

**Manufacturing Defect:** During the period of the warranty, this product's wear layer will not wear through to the decorative layer under normal use. Excessive wear and improper maintenance or care is not a defect in the wear layer or product.

### What is NOT Covered by this Warranty (item list is not exhaustive)

- Improper Installation: Material that is not installed in accordance with these installation instructions does not reflect a manufacturing related defect.
- Installer workmanship.
- Improper maintenance, which results in loss of gloss level.
- Damage resulting from use of strong detergents, chemicals, paints, dyes, mats, fertilizers, or other similar materials.
- Damage caused by moving appliances or heavy furniture without protecting the floor.
- Damage or scratches resulting from accidents, casualty events, abuse or improper usage (including damage from pet claws, teeth, urine etc.). Accidents, abuse and improper usage are defined as, but are not limited to damage caused by: casters on furniture, rotating beater bars on vacuum cleaners, burns, cuts, impact from heavy and sharp objects, narrow or spike heels, cleats, etc., as well as, damage resulting from unprotected furniture legs.
- Damage caused by leaks from appliances or plumbing.
- Construction damage after installation.
- Installation-related errors or damage including improper conditioning of jobsite and flooring materials.
- Fading, discoloration, or other damage due to excessive temperatures or sunlight. Radiant heat must not exceed 85 ° F (29°C) and be approved by the manufacturer for the use of their product with resilient vinyl flooring applications.
- Problems or damage due to excessive moisture or hydrostatic pressure from the sub-floor.
- Discoloration caused by use of vinyl, latex, or rubber-backed floor mats. Note: some synthetic backed carpets contain latex in the manufacturing process that may discolor vinyl. Always use mats marked as "Non-staining".
- Discoloration caused by rubber pads, rubber wheels, rubber tires, rubber rollers, automotive tires, etc.
- Flooring installed on stairs is excluded from warranty coverage.

*If the product fails to perform as stated in the warranty, manufacturer reserves the right to have the product inspected by its own appointed representative. Should product be determined to be defective, manufacturer reserves the right to either repair or replace the defective area with the same color, design and grade product, if available. If product is unavailable or discontinued, manufacturer reserves the right to select and supply similar material.*

- If repairs or replacement of a section is deemed necessary, all items must be cleared from the affected area subsequent to the original installation. The cost associated with the removal of those items will not be credited or reimbursed.
- Product costs will be covered for the length of warranty.
- Labor costs are not covered.
- Warranty coverage for the replacement floor will be limited to the remaining portion of the original warranty.
- Any additional claims for loss of profit/incidental losses due to defective product will not be considered. Some examples of incidental damages are: replacement of subfloors or underlayment, trim moldings, disconnecting/reconnecting appliances, moving of furniture or other losses deemed incidental by manufacturer.

Failure to follow these procedures may result in voiding some or all of the warranty. This limited warranty is not transferable and extends only to the original end user. Please note, some jurisdictions do not allow exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above limitation and exclusion may not apply to you. This warranty gives you specific rights and you may have other rights, which vary from state to state.

If you have any questions, please contact your distributor or retailer.