

## GRANDEUR Installation Guide: Vinyl Dryback/Glue-down

*Please read all information on this page thoroughly for information regarding storage, preparation for and installation of your new vinyl floors.*

Featuring a thickness of 3mm and offered in a diverse range of colors, this essential collection is suitable for a wide array of projects and uses. Grandeur's commercial dry-back includes a wear layer of 0.5mm/20mil. Simple to install and maintain, Grandeur's dry-back vinyl is a top choice for both residential and commercial environments.

### STORAGE & HANDLING

Do not transport flooring products exposed -- if under raining or damp conditions. Handle and unload flooring products with care, and store in a dry and well-ventilated place. Flooring shall not be delivered until the building has been enclosed with windows, doors are in place, and cement work, plastering, and all other wet work are completed and dry. HVAC systems must be in place and in operation at least 14 days prior to installation of the flooring and must remain operating during and after installation.

In addition, prior to installation of flooring, exterior grading must be completed with surface drainage offering a minimum drop of 3in over 10ft to direct the flow of water away from the building. All gutters and drainage spouts must be in place. The soil around the house must be treated or graded to provide sufficient drainage.

*The following considerations are vital for ensuring the functionality and longevity of our products, failure to adhere to them will void your warranty.*

### ACCLIMATION

To achieve the best results, vinyl flooring products must be acclimatized. It is advised that vinyl products be allowed 2 days at room temperature (18°C-28°C) to acclimatize. Thereafter, maintaining room temperature of 20°C-28°C and a humidity level of 35%-65% is important to ensure long lasting vinyl floors.

### SUBFLOOR

#### Subfloor Types

##### Plywood

Plywood subfloor is suitable for use with any of our vinyl products. ¾" Plywood over structurally sound subfloor is ideal. Ensure moisture content does not exceed 12%

##### O.S.B.

Oriented Strand Board (O.S.B.) is an alternative to plywood made up of 3-4-inch strands of wood which are layered and glued together, then pressed. We advise the use of ¾" or stamped exterior grade O.S.B. Note: Building codes in Canada require minimum ¾" thick O.S.B. Ensure moisture content does not exceed 12%.

##### Concrete

Concrete subfloors must be level and dry. Ensure moisture content does not exceed 4% for concrete subfloors.

### Subfloor Conditions

Ensure that your subfloor is *Structurally Sound*. The subfloor should be adequately nailed, screwed, or glued down prior to the installation of your floor. All nail heads must be driven down below the surface. Securely nail all loose boards. Scrape, plane or fill uneven boards, holes or cracks using floor-leveling compound. Check that the subfloor is *Level and Flat* prior to installation. Subfloor unevenness cannot be greater than 3/16in over a 10ft span or 1/8in over a 6ft span. Furthermore, subfloors must not slope more than 1/2in per 6ft.

The subfloor must also be *Clean* and cleared of any debris that may interfere with the floors or the installation. Lastly, the *Moisture* levels of the subfloor should be *DRY* (moisture content cannot exceed 4% for concrete and 12% for plywood and OSB. Measured prior to installation using a moisture meter.)

Minimum temperature of subfloor should not be under 10°C.

## GENERAL INSTALLATION GUIDELINES

### Important

- Grandeur Flooring requires that vinyl flooring products must be installed by an authorized professional. Failure to do so will void the product warranty for your vinyl flooring.
- It is the Installer/Homeowner's responsibility to ensure the jobsite, environment, sub-floor conditions and climatization meet all of Grandeur Flooring's requirements.
- Prior to installation, flooring should be inspected, if you feel in anyway the product is not to standard STOP installation and immediately contact your retailer.
- The installer or homeowner is fully responsible for all installed vinyl flooring. A 5%-10% waste allowance should be included with total square footage.
- Prior to installation, installer or homeowner must carefully check planks for any defects. Any plank that has been installed will be deemed acceptable.

*Pressure sensitive glue such as Mapei Ultrabond Eco 399 is the recommended choice of adhesive for glue-down applications.*

## INSTALLATION

As vinyl flooring is designed to mimic a natural appearance, it is normal to have slight variations from plank to plank.

*When installing, it is recommended to open several boxes at a time to mix and evenly distribute planks to balance out color variations.*

First determine which direction planks will run - best appearance is achieved when planks are laid parallel to the longest walls.

Determine the center of the room, lay out tiles/planks to determine width of border planks to avoid having narrow widths less than half of a normal plank size. (6 inches for tiles and 6-12 inches for planks)

Tiles are marked with arrows on the back and should be laid staggered - in a checkerboard pattern.

Planks should be installed from one corner of the room, working outwards toward the other wall. Leaving ¼ of an inch of space to the wall, and other fixed objects ie doorframes etc.

Install planks staggered randomly with end joints no less than 6" from previous end row joint.

Lift planks to reposition if seam is not tight.

Replace spacers for wall expansion gaps, install molding pieces.

### Underfloor Heating

This product can be installed with water based underfloor heating, provided that the heating is switched off 48 hours before, and after installation.

After 48 hours of climatization, underfloor heating must be gradually increased by increments of less than 5°C over a period of 24 hours, maximum operating temperature tolerable is 27°C.

## AFTER INSTALLATION

Ensure planks are set, edges are tight and flat. If adhesives were used, a 3 section 100lb roller must be used in both directions until planks are properly set.

Restrict traffic for 24 hours after installation, failure to wait can impact adhesive curing and drying.

Temperatures should be maintained at 18°C-28°C throughout the life of the vinyl floors.

Regular cleaning of dirt, grit, dust, salt and any other abrasive materials will help to prevent scratches or blemish to the wear-layer of your vinyl floors.

Avoid letting sharp objects come into direct contact with your floors - high heels, cleats etc. any hard objects which may cause irreversible damage.

Place felt pads or floor protectors on the bottom of furniture to prevent scratching when moving furniture - careful not to drag any furniture across the surface of your vinyl floors.

Prolonged exposure to sunlight will cause changes to the color of vinyl flooring. It is a natural phenomenon and the fading of color of vinyl should be expected if exposed to prolonged sunlight or intense lighting.

To moderate sunlight exposure, it is recommended to have light filtering window coverings - drapes and blinds

When vacuuming floors - be sure to not to drag any plastic or metal attachments as that will scratch the surface of the finish and damage the floors.