

## Luxury Vinyl Installation Guide – Glue Down Atelier, Brew City, Cream City, Timberline & Woodlands

### Tools Required:

Marker/Pen, Tape measure, Chalk Line, Square, 6ft Level or Straight Edge, Level, Heavy Duty Box Cutter, White Mallet, Floor Roller, Pressure Sensitive Adhesive, Trowel for Adhesive, Kneeling Boards – see notes below.

### Notes:

Do not install over existing floor covering. Remove existing floor covering allowing for the new floor to be applied to a wooden or concrete surface subfloor. All sub floor surfaces must be clean, dry, smooth, structurally sound and free of contaminants that can interfere with adhesion or cause discoloration to the floor such as paint, wax, oil, grease, solvent, adhesive residue, curing, compounds, sealers and surface hardeners.

All surface imperfections should be levelled with a Portland based cement-based latex patching compound. Gypsum-based patching compounds are not recommended. Deviations in the subfloor should not exceed 3/16" in 10' or 1/16" in 1'. Subfloor deflection should not exceed 11360<sup>th</sup> of the span.

Wood Floors must be structurally sound and free of movement with at least 18" (46cm) of well-ventilated air space below. An effective vapour barrier laid on the ground surface must be used in a crawl space. Do not install over wood subfloors laid directly on concrete or over sleeper construction laid over concrete subfloors.

Concrete must be clean, dry, smooth and free of dust. Level, rough or uneven surfaces, cracks and control joints must be filled with Portland cement-based patching compound. Do not install flooring over expansion joints. Moisture barrier emissions must not exceed 5lbs/1000ft. 2/24 hrs. when tested with calcium chloride test kits in accordance with ASTM F-1869 or be greater than 80% RH (relative humidity) when tested with IN Situ Probes in accordance with the ASTM F 2170. Surface pH must be between 5 and 9.

Existing resilient floors must be a single layer, fully adhered and well bonded over an approved subfloor. Remove all wax, floor finish or polish prior to installation. Use embossing leveler to level embossed floors. Do not install over new flooring or loose laid perimeter fastened floors, soft or heavily cushioned floors, cushioned back flooring or self-adhered tile or tile installed below grade level. Adhesive residue must be completely removed on installation where flooring will be directly bonded to the subfloor. Refer to the Resilient Floor Covering Institute (RFCO) Recommended

Work practices for procedures involving adhesive removal. Do not use solvent or liquid adhesive removers to remove old adhesive residue. These products have a damaging effect on the new floor and adhesive.

### **Existing Resilient Flooring:**

**WARNING: DO NOT SAND, DRY SWEEP, DRILL, SAW, BEADBLAST, OR MECHANICALLY CHIP OR PULVERIZE EXISTING RESILIENT FLOORING, BACKING, LINING FELT, ASHPALTIC "CUTBACK" ADHESIVE OR OTHER EXISTING RESILIENT FLOORING**

Tools Required:

Marker/Pen, Tape measure, Chalk Line, Square, 6 ft Level or Straight Edge, Level, Heavy Duty Box Cutter, Floor Roller, Pressure Sensitive Adhesive (Fuzbond 4700 or equivalent), Trowel for Adhesive, Kneeling Boards – see notes above.

### **Job Preparation:**

- Calculate the surface area required and add 5-10% and then round up to the nearest full carton.
- Acclimatize flooring for temperature by spreading out sealed packages in room/environment where the floor will be installed at a room temperature between 16°C (60°F) and 27°C (80°F) for 48 hours. Ensure packages remain sealed/closed during acclimation and until ready to install.
- As extremes of temperature can occur between the day and night times, it is important that these be avoided.
- Remove any existing quarter round and undercut door jambs allowing the flooring to flow under the jamb provide a preferred aesthetic.
- Check flooring planks for any visual defects in structure or aesthetics. Planks installed with visual defects are not covered under warranty.
- Work from at least 3 cartons at the same time to ensure randomness of pattern.

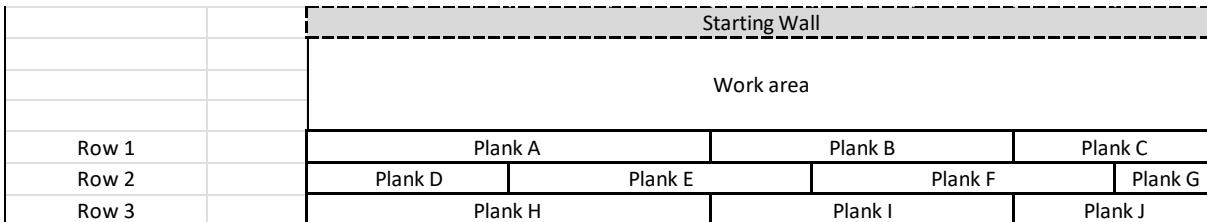
**Note:** The installer is the final inspector of product and responsible for subfloor and overall job site conditions ensuring compliance with referenced standards in support of any associated warranty conditions. If the product or job site does not meet the referenced conditions, do not proceed with installation until conditions are corrected. Please read through installation instructions thoroughly before commencing with installation.

### **Installation Instructions:**

1. Plank Direction should be parallel to the longest wall or in the direction of the room's lights source. If these are conflicting, you will need to choose the best aesthetic.
2. Create a work area by snapping a chalk line in same direction as the planks to be installed. The work area should be at least 30" from the starting wall and a multiple of the plank width. If the

plank size is 6", snap a chalk line at 30" to create your work area. Before starting, measure the length of the room and divide by the plank width. Ensure that your last row will be at least 1/2 a board width. You may need to adjust your chalk line and first row position to achieve this result.

3. Follow the vinyl adhesive instructions with regard to trowel size, spread rate, work time, rolling requirements and anything else that could impact installation.



4. While in the work area, spread vinyl adhesive, taking care not to apply adhesive to the work area. You are spreading adhesive for the rows below starting with **Planks A, D, and H** from the work area.
5. Take a full plank (**Plank A**), aligning with the chalk line and into the adhesive.
6. Continue installing full planks (**Plank B, C, etc.**) until less than a full plank is required to complete the row. Cut the full plank by using a heavy duty boxcutter to fit and complete first row. The plank should be fit snug to the walls, but not tight. For ease of installation use a double-sided tape to secure the first row then remove once when product has been cut in. Always ensure there are no gaps or height differences between planks when installing.
7. If the cut off piece remaining from row one is 12" or greater use it to start your second row and repeat Step 6.
8. Repeat Steps 5-7 until the room is complete. Final row may require cutting its width to fit and complete the row.

**Note:** At some point you will be required to position yourself on newly installed flooring to reach and install subsequent rows. To avoid separating newly installed planks, use a "kneeling board" to disperse your weight and position. To make a kneeling board you can use 1/8" plywood or heavy corrugated cardboard. Using either material, cut to make two pieces 3' x 3'.

9. Spread vinyl adhesive in the work area and install planks to complete room installation. Take care not to spread too much adhesive and follow the adhesive work time.
10. Follow vinyl adhesive instructions with regard to any rolling requirements and time to restrict traffic on the newly installed floor.

#### After Installation:

Flooring should be one of the last items installed in a project. In order to protect the floors while other trades are finishing their work prior to final cleanup, use rosin paper and only use 3M ScotchBlue™ 2080 Tape to hold the rosin paper to the floor (other blue tapes may damage the

finish). Clean the floor thoroughly before laying the rosin paper to ensure that no debris is trapped underneath.

- Dust-mop or vacuum your floor to remove any dirt or debris.
- It is suggested that you clean the floor using a recommended vinyl cleaner.

## **Protection and Maintenance of Your Floor:**

Lasting beauty can be achieved through purchasing a quality floor cleaner (FuzClean vinyl cleaner or equivalent) and providing proper on-going maintenance.

- Furniture should be moved onto the newly installed floor using an appliance hand truck over hardboard runways.
- Oil or petroleum-based products can result in surface staining. Do not track asphalt-driveway sealer or automobile oil drips onto the floor covering.
- Caster wheeled chairs should have wide, rubber casters. Protective mats are required under office chairs.
- Use non-staining mats. Rubber may discolor the floor.
- Use walk-off mats at entrances to prevent dirt and grit from being tracked on to the floor.
- Sweep or vacuum the floor regularly to remove loose dirt. DO NOT use vacuums that use a beater bar or turn beater bar off.
- **DO NOT USE:**
  - Electric brooms with hard plastic bottoms with no padding.
  - Harsh cleaners or chemicals on the floor.
  - Abrasive scrubbing tools.
  - Detergents, abrasive cleaners, vinegar or “mop and shine” products.
  - Steam mops.