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I. JOB SITE CONDITIONS

1. Installation should not begin until after all other trades are finished in the area. If the job requires other trades to work in the area after the installation of the floor, the floor should be protected with an appropriate cover. Kraft paper or plastic works well.
2. Store product and adhesive in clean, dry environment between 65°F and 95°F. Product may be stored in temperatures under 65°F as long as it is installed in a room with working HVAC and has been properly acclimated prior to gluing.
3. Areas to receive flooring (including concrete slabs) should be weather tight and should be maintained at a minimum uniform temperature of 65°F (18°C) for 48 hours before, during, and after the installation.

II. SUBFLOORS

Exceed may be installed over concrete, approved Portland-based patching and leveling materials (such as Ardex K-15 or equivalent), and wood.

NOTE

Gypsum-based patching and leveling compounds are not acceptable.

1. Wood Subfloors

Wood subfloors should be double-constructed, rigid and free from movement, with 18 inches minimum of well-ventilated air space below.

2. Underlayments

The preferred underlayment panel is American Plywood Association (APA) underlayment grade plywood with minimum thickness of 0.25 inches and a fully sanded face.

NOTE

Particleboard, chipboard, Masonite and lauan are not considered to be suitable underlayments.

3. Concrete Floors – Concrete shall have a minimum compressive strength of 3000 psi. New concrete slabs should cure for a minimum of 28 days before installation. Concrete must be fully cured and permanently dry.

III. SUBFLOOR REQUIREMENTS AND PREPARATION

1. Subfloors shall be dry, clean, smooth, level, and structurally sound. They should be free of dust, solvent, paint, wax, oil, grease, asphalt, sealers, curing and hardening compounds, alkaline salts, old adhesive residue, and other extraneous materials, according to ASTM F710.
2. Subfloors should be smooth to prevent irregularities, roughness, or other defects from telegraphing through the new flooring. The surface should be flat to the equivalent of 3/16in (4.8 mm) in 10 feet (3.0 m).
3. Mechanically remove all traces of old adhesive, paint, or other debris by scraping, sanding, or scarifying the substrate. Do not use solvents. All high spots shall be ground level and low spots shall be filled with an approved Portland-based patching compound.
4. All saw cuts (control joints), cracks, indentations, and other non-moving joints in the concrete must be filled with an approved Portland-based patching compound.
5. Expansion joints in the concrete are designed to allow for expansion and contraction of the concrete. If a floor covering is installed over an expansion joint, it will likely fail in that area. Use expansion joint covers designed for resilient flooring.
6. Always allow patching materials to dry thoroughly and install according to the manufacturer's instructions. Excessive moisture in patching material may cause bonding problems or a bubbling reaction with the our rubber adhesive.

IV. MATERIAL STORAGE AND HANDLING

1. Material should be delivered to the job site in its original, unopened packaging with all labels intact.
2. Roll material is shipped in factory cradles and can be stored safely for 30 days. Once material is removed from cradles it should always be stored on end and never longer than 30 days. Storing Exceed lying down may cause wetting, which causes permanent memory of the material. Rolls should only be stored on a clean, dry, smooth surface.
3. Inspect all materials for visual defects before beginning the installation. No labor claim will be honored on material installed with visual defects. Verify the material delivered is the correct style, color and amount. Any discrepancies must be reported immediately, before beginning installation.
4. The material and adhesive must be acclimated at room temperature for a minimum of 48 hours before beginning installation.
5. All Exceed rolls should be unrolled and installed in the same direction. Laying rolls in the opposite direction can cause pattern variations between the rolls.

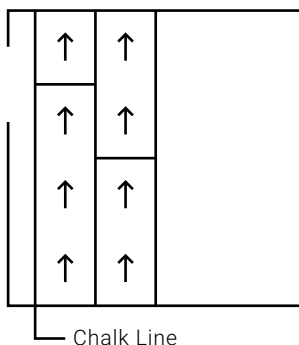
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6. Roll material is stretched slightly during the manufacturing process. At the job site, the installer should unroll all rolls and allow to relax overnight. A bare minimum of two hours is required. Shaking the material once it is unrolled can help it to relax.
7. Each Exceed roll will be labeled with a number that corresponds to the sequence in which it came off of the machine. It is important to lay the rolls in sequence (roll 1, roll 2, roll 3, etc.) to avoid heavy shade variances.
8. Lay the rolls in a way to provide as few seams as possible with economical use of materials. Match edges for color shading and pattern at seams. Be prepared to straight edge cut the side seams to ensure pattern consistency.
9. For best results, the installer should unroll all rolls and allow to relax overnight.

V. ROLL INSTALLATION

1. Make the assumption that the walls you are butting against are not straight or square. Using a chalk line, make a starting point for an edge of the flooring to follow. The chalk line should be set where the first seam will be located.
2. Remove Exceed from its shrink wrap and unroll it onto the floor. Lay the vinyl on the floor in a way that uses cuts efficiently. Cut all rolls at the required length, including enough to run up the wall a couple of inches.
3. If end seams are necessary, they should be staggered on the floor and overlapped approximately 2in. End seams will be trimmed after acclimation period using a square to ensure they fit tightly without gaps.

Diagram 1



4. After allowing proper acclimation and rough cuts are made, you may begin the installation.
5. Align the first edge to the chalk line. Note: it is very important that the first seam is perfectly straight.
6. Position the second roll with appropriate overlap required to maintain board pattern consistency. After seams are trimmed, the edges should fit snug with no visual gaps. Care should be taken to not over-compress the seam. Over-compressed seams will cause peaking.
7. Repeat for each consecutive sheet necessary to complete the area or those rolls that will be installed that day.

INSTALLATION - GLUE DOWN EXCEED ROLLS

1. After performing the preceding procedures, begin the application of the adhesive.
2. Fold over the first drop along the wall (half the width of the roll). Rolls are 6 feet wide, so when roll is folded over, it will leave an exposed area of substrate that is 3 feet wide.
3. Spread the adhesive using the proper size square-notched trowel. Take care not to spread more adhesive than can be covered with flooring within 30 minutes. The open time of the adhesive is 30-40 minutes at 70°F and 50 percent relative humidity.

NOTE

Temperature and humidity affect the open time of the adhesive. Temperatures above 70°F and/or relative humidity above 50 percent will cause the adhesive to set up more quickly. Temperatures below 70°F and/or relative humidity below 50 percent will cause the adhesive to set up more slowly. The installer should monitor the on-site conditions and adjust the open time accordingly.

4. Lay the flooring into the wet adhesive. Do not allow the material to flop into place; this may cause air entrapment and bubbles beneath the flooring.
5. Immediately roll the floor with a 75-100 lb. roller to ensure proper adhesive transfer. Overlap each pass of the roller by 50 percent of the previous pass to ensure the floor is properly rolled. Roll the width first and then the length.
6. Fold over the second half of the first roll and half the width of the second roll. Taking roll widths into account, this will provide an exposed area of substrate that is 6 feet wide. Spread the adhesive, roll the flooring, and repeat for each consecutive drop.
7. Continue the process for each consecutive drop. Work at a pace so that you are always folding material back into a wet adhesive bed.



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NOTE

Never leave adhesive ridges or puddles. They will telegraph through the material.

8. Do not allow rubber adhesive to cure on your hands or the flooring. Immediately wipe off excess adhesive with a rag dampened with mineral spirits. Cured adhesive is very difficult to remove from hands. We strongly suggest wearing gloves while using adhesive.

9. Hand roll all seams after the entire floor has been rolled.

10. Keep traffic off the floor for a minimum of 24 hours. Floor should be free from light rolling loads for a minimum of 48-72 hours.

INSTALLATION - WELDING EXCEED ROLLS

If customer requires heatwelded seams, prepare seams in vinyl sheet flooring with routing tool and heat weld in accordance with standard heat welding practices.