

This product when installed according to the following guidelines will provide the consumer with a beautiful floor that has a long useful life. It is important to follow these steps correctly.

### General Installation Guidelines

- Avalon Series: Wood + Stone No-Wax LVT/LVP is suitable for indoor use only.
- All products must be acclimated properly to a stable condition prior to all installations.
- Traffic on the flooring should be minimal for the 24 hours following the installation.
- A temperature range of 65° - 85° F should be maintained at all times.
- The Free Lay LVT/LVP flooring product is engineered in a way that minimizes the need for adhesive. However it is incumbent on the installation company to assess the job site conditions to determine if an alternate method is more appropriate. Heavy traffic areas as well as irregular substrates are a couple of examples where a full spread method is required.
- Material must be inspected closely upon delivery to insure first quality material has been received. Any discrepancies must be reported to CPI immediately. Failure to do so is deemed acknowledgement that what has been received is first quality material.
- It is imperative when using the perimeter only or grid system, that the proper bond between the adhesive and the product is achieved. These areas are key anchor points for the installation. If these anchor points are not properly adhered, the integrity of the rest of the installation will be compromised.
- Avoid direct sunlight during acclimation.
- Perimeter areas with direct sunlight exposure require window treatments to minimize temperature fluctuation within the installed area.
- Although the Free Lay LVT/LVP flooring product does minimize the need for extensive moisture testing, the areas where adhesive is used can still be affected. Moisture testing will need to be conducted for the purpose of determining the correct adhesive for a perimeter or grid system installation. Manufacturer's guidelines for the adhesive use must be followed precisely. All issues pertaining to this must be resolved prior to the onset of the installation.
- The product must be acclimated for 48 hours prior to installation and the HVAC system must be fully operational during that time period. The temperature needs to be between 65° - 85° F. The boxes should not be stacked more than 6 high and the rows between them should be at least 6 inches wide.

It is the responsibility of the installation company to inspect the product and report any defects to CPI. Installation of the product is deemed acceptance and confirmation that it is first quality material.

- Specifically confirm the correct product has been received by cross referencing the order with the labeling on the boxes. If the wrong product has been shipped and it is subsequently installed, that is the responsibility of the installation company not CPI.
- Inspect all material prior to installing. All installation of clearly defective material is the responsibility of the installation company. Any and all issues need to be reported to CPI immediately upon the determination of any potential issues.
- Ensure no damage to the material has occurred during transport.
- Remove all packaging materials, shrink wrap and the like, prior to setting the product aside to acclimate.
- All material must be acclimated for 48 hours in a temperature range of 65° - 85° F. During acclimation the material cannot be stacked more than 6 boxes high and there should be a minimum of 6 inches in between rows.

#### Substrate

Avalon Series: Wood + Stone No-Wax LVT/LVP flooring may be installed over a variety of substrates with varying degrees of adhesive requirements. In some cases the product is suitable to be installed with a perimeter only adhesive, and others may require a full spread of adhesive. We can make broad recommendations as to the suitability of them but it is the responsibility of the installation company to assess the job site conditions and make the correct determination as to which method is appropriate.

The Free Lay product is 100% waterproof which minimizes the need for extensive moisture testing for installations with minimal adhesive. However CPI does not represent that no installation problems will occur.

- All substrates need to be flat, clean, and free of all dust and debris, prior to the beginning of installation.
- Ensure floor complies with the parameters of ASTM 710. They must be flat within 3/16" in a 10 foot radius and not slope more than 1 inch per 6 feet in any direction.
- Wood floors and the like need to be free of deflection.
- Any tile floors must have joints filled with a leveling compound and any other irregularities that

could potentially telegraph through the surface remedied.

- All concrete floors must be flat and free of any residual chemicals, adhesive residue, or any other material that could react with the flooring. The surface must have the proper density. Any lightweight concrete substrates need to be primed/sealed properly.
- All indentations, holes, grooves, or joints must be leveled with an appropriate leveling compound.
- If there are any surface textural elements in the substrate surface they must be leveled accordingly.
- Any loose pieces or tiles must be fixed.
- Removal of any existing adhesive or other material must not be done with any chemical product that could react with the backing of the Avalon Series: Wood + Stone LVT/LVP Free Lay product.
- Radiant heat substrates are acceptable as long as the temperature does not exceed 85°.

### Installation

The Avalon Series: Wood + Stone LVT/LVP product can be installed the following three ways.

1. **Perimeter adherence only.** This is suitable for installations that have a flat level surface and do not have any walls longer than 12'. If any wall is longer than 12' a grid system is recommended.
2. **Grid system.** For installations that have walls longer than 12' a 2' wide strip of adhesive is recommended at every 12' increment.
3. **Full Spread.** This method is appropriate for heavy traffic installations or installations where the substrate has some irregularities. It is also recommended for installations that have exterior sun exposure to certain areas that could elevate the temperature in the space. In these instances use the glue down installation instructions.

### Perimeter

- Locate the center point of the room by snapping chalk lines.
- Use a trowel with an appropriate notch size to apply a 2' band of adhesive around the perimeter of the room.
- Use the correct trowel recommended by the adhesive manufacturer. Replace trowel every 600 feet or less. Worn trowels will compromise the bonding with the adhesive.
- Lay one row to determine if the end pieces by the walls are too small, and if one side or the other is, adjust the center point accordingly to balance the installation.

- Begin at a center line and work out toward the perimeter in both directions.
- Use a random stagger method ensuring the overlap is a minimum of 8 inches.
- It is critical that the first row is placed precisely on a straight line for the entire row. Make sure each plank is flush against the adjoining piece and also on a straight line. Make sure all joints are tight.
- Lay the planks row by row making sure they are tight end to end and side to side with the adjoining row.
- Make sure as you proceed that each row stays square with the original row. If there is any deviation re-lay the rows to get them back into line.
- Roll the completed installation with a minimum 100 lb. roller in both directions.

#### Grid System

This method is the same as the perimeter only method with the following two differences:

- ◊ In addition to a 2' strip of perimeter adhesive an additional 1' strip will be applied at every 12' juncture.
- ◊ Establish your starting point as the center of the room and work outward from the center in both directions to the exterior walls.

#### Full Spread

Please refer to the Glue Down instructions for the recommended guidelines.