

# GLUE DOWN RESILIENT VINYL

## PREMIUM | LYRUSFLEX

### Installation Instructions

*PLEASE READ THIS ENTIRE DOCUMENT PRIOR TO BEGINNING INSTALLATION. BE CAREFUL TO FOLLOW EXACT INSTRUCTIONS AS DETAILED IN THIS DOCUMENT. FAILURE TO DO SO WILL RESULT IN PRODUCT FAILURE AND VOID ANY PRODUCT WARRANTIES.*

#### Receiving / Storing / Handling

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Cartons should be stored flat and squarely upon each other. Be careful not to drop or damage any cartons as material is being stored in the installation area. No labor claims will be honored on materials installed with visible defects. Select a staging area away from windows or HVAC vents or any other factor that may keep the material from acclimating to the ambient temperature of the area.

#### Tools

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- 75+ lb 3 section Roller
- Chalk Line
- Framing Square
- $\frac{1}{16}$ " x  $\frac{1}{32}$ " x  $\frac{1}{32}$ " U-Notch Trowel
- Infrared Thermometer
- PH Testing Kit
- Utility Knife
- Tape Measure

#### Adhesive

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Use Pressure sensitive adhesive designed for LVT and suitable for moisture conditions of subfloor. Manufacturer recommends Taylor Dynamic Adhesive for those installations where moisture does not exceed 99% RH. In those cases where moisture levels exceed 99% RH, use Taylor Resolute, which has no moisture limitations.

#### Job Site Conditions

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Adhesive and flooring materials should be acclimated to the installation area for a minimum of 48 hours prior to installation. The installation should have permanent HVAC set at a uniform temperature between 65-75 Degrees F and maintained continuously following the installation. Humidity should not be below 65%. If the area is not within the recommended temperature or relative humidity requirements the product should not be installed until the jobsite conditions match these requirements.

Installation over radiant heat applications is not warranted or permitted.

#### Substrates / Testing Requirements

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##### Concrete Substrates

New and existing concrete subfloors should meet the guidelines of the latest edition of ACI 302 and ASTM F 710 Standard practice for preparing concrete floors to receive resilient flooring. Available from the American Society for Testing and Materials.

Every concrete on or below grade must have an effective vapor retarder directly under the slab.

Concrete floors shall be flat and smooth within the equivalent of 3/16" in 10 feet.

Relative Humidity tests must be performed per the latest edition of ASTM F 2170. pH reading determines what adhesive is acceptable.

Use of cement based patching or leveling compounds containing Portland cement should meet or exceed 3000psi compressive strength.

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### Lightweight Concrete

New and existing light weight concrete floors should meet the ASTM F2471, Standard Practice for Installation of Thick Poured Lightweight Cellular Concrete Underlayments and Preparation of the Surface to Receive Resilient Flooring.

All recommendations and guarantees as to the suitability and performance of lightweight concrete under resilient flooring are the responsibility of the lightweight concrete manufacturer. The installer of the lightweight product may be required to be authorized or certified by the manufacturer. Correct on-site mixing ratios and properly functioning pumping equipment are critical. To ensure proper mixture, slump testing is recommended.

Lightweight aggregate concretes having densities greater than 90 lbs. per cubic foot may be acceptable under resilient flooring.

Concrete slabs with heavy static and/or dynamic loads should be designed with higher strengths and densities to accommodate such loads.

### Panel Type Wood Substrates

New and existing panel type wood floors should meet the ASTM F1482, Standard Practice for Installation and Preparation of Panel Type Underlayments to Receive Resilient Flooring.

A moisture test is required using a pin-type moisture meter. The moisture content must not exceed 15%.

Wood subfloors must be structurally sound and in compliance with local building codes.

Double-layered APA rated plywood subfloors should be a minimum 1" total thickness with at least 18" well-ventilated air

space beneath. Insulate and protect crawl spaces with a vapor barrier.

It is recommended that the selected APA underlayment grade panels be designed for installation under resilient flooring and carry a written warranty covering replacement of the entire flooring system. Any failures in the performance of the underlayment panel rest with the panel manufacturer and the flooring manufacturer.

Underlayment panels can only correct minor deficiencies in the subfloor while providing a smooth, sound surface on which to adhere the resilient flooring.

Always follow the underlayment manufacturer's installation instructions.

Wood subfloors directly fastened to concrete, or sleeper construction, are not recommended.

## Material Installation

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Install flooring running in the same direction as gloss/sheen levels can vary by direction.

If more than one run/lot is to be used, the job should be laid out so that different run numbers are not installed side by side.

Full spread adhesive installation is required.

In areas of high foot traffic, more volatile temperature variations or excessive rolling loads, full spread adhesive is recommended.

Once the installation is started, site conditions are accepted.

Before installing the material, plan the layout so plank/tile

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joints fall at least 6 inches (15 cm.) away from subfloor and underlayment joints. Find the center point in the room. Divide the room into equal quadrants by marking two perpendicular lines on the subfloor intersecting at the center point. Depending on your layout, you may also start your row along a wall. Since walls are not always straight, snap a chalk line. Do not install over expansion joints.

### Step 1

Apply adhesive with the recommended trowel. Follow directions on adhesive label for open and working time. Do not exceed working time of adhesive, only spread adhesive that product can be installed within the working time of the adhesive.

### Step 2

Install all planks/tiles with arrows pointing in the same direction making sure each piece fits tightly to the next.

### Step 3

Repeat Step 1 and Step 2 until the area is completed.

### Step 4

Roll once ASAP with a 75 or 100-pound, 3-section roller and roll again after 45 - 60 minutes in the opposite direction ensuring the entire installation is rolled.

## After Installation

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Immediately remove any excess adhesive from the surface of the flooring using a clean white cloth dampened with a water.

You may also use rubbing alcohol or denatured alcohol to remove tacky or dried adhesive. Dried adhesive may be removed with a clean white cloth dampened with mineral

spirits.

Restrict to light traffic/foot traffic for a minimum at least a FULL 24 hours. Additional time may be necessary if the installation is over a non-porous substrate.

Install the base moldings. Use silicone caulking to seal all areas that may be exposed to surface spills (i.e. tubs, toilets, and showers).

Restrict heavy traffic, rolling loads, or furniture placement for 72 hours after installation.

Return appliances and furniture to the room by rolling or sliding them over strips of hardboard.

Allow at least five days following the installation before performing wet maintenance.