AcoustiCORK™ EZ-Floor LVT

2mm Sound Control / Subfloor Prep Underlayment

INSTALLATION INSTRUCTIONS
For Glued Down LVT Plank Flooring
Concrete/ Wood /Gypsum Subfloors

The following installation instructions are a recommendation, but are not intended as a definitive project specification. They are presented in an attempt to be used with recommended installation procedures as published by the Resilient Flooring Industry.

SITE CONDITIONS

The installation site must be acclimated, with the HVAC system in operation. The floor and room temperature, as well as the EZ-Floor underlayment, flooring materials and adhesives must be maintained at 65 to 85 degrees F and the relative humidity below 60% for 48 hours prior to, during and after the installation.

SUBFLOOR

1. All subfloor work should be done in accordance with the recommended procedures as published by Resilient Flooring Institute and/or the specific manufacturer of resilient flooring being installed. All subfloors should be: structurally sound, smooth, clean, dry and level to within 3/16" in 10'.
2. Wood subfloors: Single layer subfloors must be a minimum 23/32" thick over a maximum joist span 19.2" o.c. and be properly prepared to the smoothness required for resilient flooring. Cracks or gaps between panels of 1/8" (3mm) or more should be filled and leveled.
3. Concrete subfloors: OK to use on, above or below grade level (see notes on moisture below). Examine for any open cracks or depressions larger than 1/8" and fill with a high-grade epoxy filler or Portland cement based patching material.
4. Gypsum / lightweight concrete subfloors must be free of structural cracks and open cracks larger than or depressions deeper than 1/8" must be filled.
5. Existing Floor Coverings: EZ-Floor LVT Underlayment allows for the installation LVT over many existing flooring materials. Among surfaces that can be covered are: Vinyl Composition Tile, Non Cushioned Vinyl or Linoleum Sheet Goods, Ceramic Tile / Natural Stone (grout lines must be skim coated flush), Hardwood or Laminates (bevel joints or gaps must be skim coated flush) or floors with Paint or old Adhesive Residue on them.
6. Remove any excess lumps or residue from the subfloor that could possibly "telegraph" through the finished flooring.

SUBFLOOR MOISTURE

1. New concrete subfloors should be cured for at least 30 days before applying EZ Floor LVT. Slabs that are below grade or show obvious signs of moisture, such as damp areas or "musty odors" should be tested the subfloor for moisture transmission prior to the installation of the EZ-Floor LVT underlayment.
2. If excessive moisture is present, >10 lbs. per 1000 s/f in 24hrs with a Calcium Chloride test, in the subfloor, corrective action may be required. Consult the project architect, flooring manufacturer and/or the most recent Resilient Flooring Institute Installation Manual for methods and materials for dealing with excessive subfloor moisture conditions.

EXPANSION SPACE / PERIMETER ISOLATION

1. The finished flooring should not directly contact any perimeter walls or vertical partitions in the floor area to be covered, including any protrusions such as electrical boxes, heating ducts, cold air returns, columns or pipes in the subfloor installation.
2. The required Expansion /Perimeter Isolation Space can be achieved by leaving a 1/4" to 3/8" gap between finished flooring and the fixed partitions or walls. The underlayment should observe the same Expansion / Perimeter Isolation Space.
3. To allow for expansion and contraction, all finish trims and transition moldings must be installed in a manner that does not bind or constrain the floor from moving to accommodate seasonal or thermal changes. See note # 2 under the section for installing the flooring for more details.

INSTALLING Floating EZ-Floor UNDERLAYMENT for GLUED DOWN VINYL PLANK FLOORING

1. EZ Floor LVT has an integrated Moisture Barrier film on one side of the product. ***THIS FILM MUST BE APPLIED FACING DOWN TO THE SUBFLOOR. (shiny side down)***
2. The EZ-Floor LVT underlayment **must be installed perpendicular to the long axis dimension of "plank" type products installed** (see the illustration on the following page).
3. Determine the layout, noting that the seams in the EZ-Floor underlayment must be at least 4" away from the seams in the finished flooring (see the illustration on the following page).
4. Cut the 2mm AcoustiCORK EZ- Floor roll material to the desired width and length and position the material in the space to be covered, leaving a space of approx ¼" from any walls or fixed partitions or objects.
5. Cut the second sheet of EZ-Floor underlayment to length and position it with the seam butted tightly to the first sheet installed.
6. Secure the sheets together using a minimum 3mil thick x 2" wide tape (see a list of suggested tapes on the following page). Apply the tape centered equally over the seam. Do not use thicker tapes, as they may "telegraph" through to the finished flooring. **Note**: ***To enhance the vapor retarding barrier characteristics of the product, where required, we recommend taping both the bottom and top of the seams.***
7. Proceed to cover the entire room, making sure the sheets are tightly butted together, without gaps. ***Open seams and gaps can "telegraph" through resilient flooring products, so the underlayment must be as smooth and well seamed as possible.***
8. After completion, the AcoustiCORK EZ-Floor LVT Underlayment should cover the entire floor area, without gaps and with the joints tightly butted and securely taped.

APPLYING GLUED DOWN LVT PLANK FLOORING

1. Install the finished flooring immediately after the EZ-Floor Underlayment has been installed. Follow the manufacturer's recommended instructions for installing the finished floor, using the adhesive and trowel size specified. **Note:** ***The AcoustiCORK EZ-Floor LVT Underlayment should be considered to be a Non Porous Substrate. The finished flooring should be applied to the adhesive in the "pressure sensitive mode".***
2. If a rigid baseboard or quarter round molding detail is required, leave a minimum 1/8" gap between the finished floor and the bottom of the quarter round or baseboard molding. This gap can be filled with a non-hardening, color matching, paintable or caulking or sealant, to improve the visual appearance.

Note: The floor may need to be protected from potential damage by other trades. Protect the flooring from damage until all other work is done and/or the space is ready for occupancy. Do not drag heavy objects across the floor.

AcoustiCORK™ PRODUCTS

Sound Control Underlayment & Crack Suppression Membrane

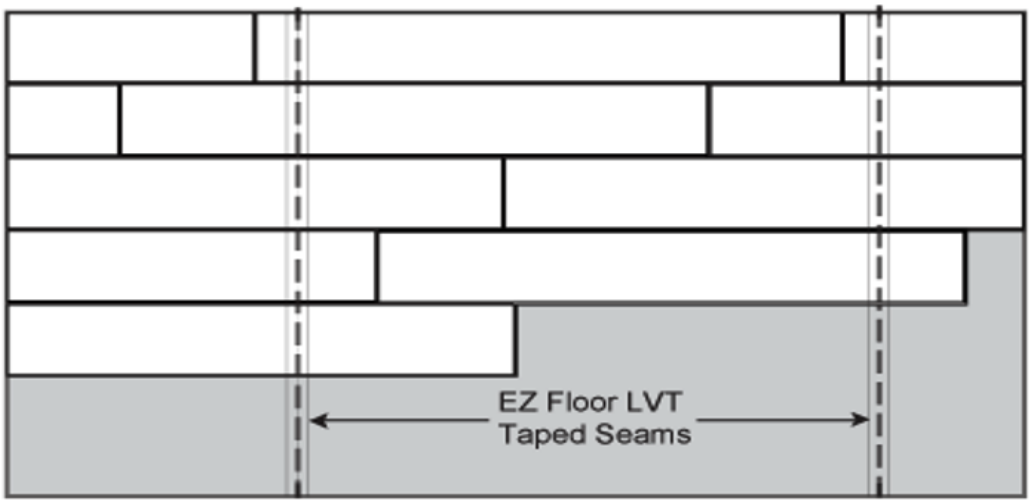
26112 110th Street • PO Box 25 • Trevor, WI 53179 • 1-800-255-2675 • 1-262-862-2311 • FAX 1-262-862-2500

Visit our Website at www.acousticorkusa.com for the most complete information on AcoustiCORK™

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Recommended Tapes:

- 3M® –3903 6.5mil Vinyl Duct Tape (not standard "cloth" duct tape)
- Roberts ® 50-555 4mil Vinyl Duct Tape
- Tyvek ® or Shuretape ® House Wrap Tape
- Blue Hawk ® 2" Underlayment Seaming Tape
- FlorCraft® 1.9" Underlayment Seaming Tape

Notes and Limitations:

- **For Interior Applications Only**
- **<u>Important:</u> The Maximum Span of Floor Area Allowable Without An Expansion Joint is Approximately 35 Feet. This Is Particularly Important Where a Long Narrow Area, Such as Corridor, Joins a Larger Area.**
- **Do Not Install Over Ramps or Other Inclined Areas, or Subfloors That Are Not Reasonably Level.**
- **Not for Use in Showers or Other Wet Areas**
- **Do Not "Bridge" Expansion Joints in the Subfloor with EZ-Floor Underlayment**
- **Do Not Install EZ-Floor Underlayment Over Out of Plane Movement or Construction Joints**
- **Do Not Fasten Transition Trims or Moldings Through the Finished Floor in Such a Way That Would Restrict the Normal Expansion and / or Contraction of the Flooring.**
- **Vinyl Plank Plank Flooring Installed Must Be A <u>Minimum of 2mm Thick in Actual (not nominal) Thickness</u>. 2mm Products Must Be of a More Rigid Construction, Extremely Flexible or Pliable 2mm Planks are Not Recommended. For Optimal Performance, 2.5mm or Thicker Products are Recommended.**
- **Once the Space is Occupied, the Occupants Should be Instructed Not to Drag Appliances or Other Heavy Objects Across the Floor.**

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