Acousti™ PURC 200

2mm Cork/PU Foam Blend Sound Control Underlayment

INSTALLATION INSTRUCTIONS For Glued LVT Flooring on 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.

SUBFLOOR

1. All subfloor work should be done in accordance with the recommended procedures as published by Resilient Flooring Institute and/or the manufacturer of resilient flooring product being installed.
2. Concrete subfloors should be level, properly sloped and structurally sound.
3. Wood subfloors need to be structurally sound, level and be properly prepared to the smoothness required for resilient flooring.
4. Inspect concrete subfloors for any open cracks and fill with a high-grade epoxy filler.
5. Gypsum concrete subfloors must be free of structural cracks and prior to the application of an adhered underlayment or finish floor, must be primed or sealed.
6. Remove any excess lumps or residue from the subfloor that may interfere with the installation of the underlayment or would possibly ñtelegraphò through the finished flooring.

TESTING FOR MOISTURE & JOBSITE CONDITIONS

1. If a concrete subfloor is newly constructed and/or on or below grade, test the subfloor for excessive moisture transmission prior to the installation of the AcoustiCORK PURC 200.
2. If excessive moisture is present (normally >5 lbs. per 1000 s/f in 24hrs with a Calcium Chloride test) in the subfloor, corrective action must be taken. Consult the project architect, flooring manufacturer for the methods and materials for dealing with excessive subfloor moisture conditions. For non-adhered applications, a loose laid 6mil poly film can be used.
3. The area where the PURC 200 product is to be installed must be a ñconditioned spaceò, with the HVAC system functioning and the temperature and relative humidity maintained at expected post occupancy levels.

PERIMETER ISOLATION

1. It is important that the finished flooring not directly contact the perimeter walls or vertical partitions in the entire floor area, including any openings or protrusions such as electrical boxes, heating ducts, cold air returns, columns or pipes in the subfloor installation.
2. Perimeter Isolation can be achieved by leaving at least a ¼ò gap between finished flooring and the fixed partitions or walls. See the details under section 3 under Applying Glued Down LVT Flooring for details regarding finish trims and maintaining Perimeter Isolation.

ACOUSTICORK PURC 200 UNDERLAYMENT for GLUED LUXURY VINYL FLOORING PRODUCTS

1. Cut the 2mm AcoustiCORK PURC 200 roll material to the desired length and position the material in the space to be covered.
2. Butt the AcoustiCORK PURC 200 material or against the wall or any perimeter isolation barrier material already installed at the floor/wall junction.
3. Pull the loose laid material back at least half the length of the cut material. Using a properly sized notched trowel apply ***An Acrylic Pressure Sensitive (LVT) Adhesive to the subfloor and allow the adhesive to "flash off"***). The adhesive should be tacky to the touch, but still transfer to the finger when touched. Place the AcoustiCORK PURC 200 underlayment into the bed of adhesive applied. Repeat the process for the other half of the sheet, rolling in both directions with a 75# or 100# sectional floor roller.
4. Proceed to cover the entire room, making sure the sheets are tightly butted together, without gaps. ***Open seams and gaps will "telegraph" through most luxury vinyl tile flooring, so the underlayment work must be as smooth and well seamed as possible.*** Roll the floor area in both directions using a 75# or 100# roller to ensure any entrapped air or bubbles are removed. ***Never mechanically fasten the sheets to the subfloor, as this will severely diminish the acoustical value of the product.***
3. After completion, the AcoustiCORK PURC 200 underlayment should cover the entire floor area without gaps and be securely bonded with the joints tightly butted.

APPLYING GLUED DOWN LVT FLOORING

(Note: PURC 200 should be used with glued down LVT products with a minimum thickness of 2mm (0.080") and that are of a more rigid nature. Products thinner than 2mm or of a more "pliable" or flexible construction should be installed with our CorkPLUS 250 product, to prevent possible telegraphing of the texture of the underlayment through the surface of the floor.)

1. Once the underlayment is firmly bonded to the subfloor and does not move or shift with normal foot traffic or work activity (from 1 hour to 6 hours depending on adhesive used and site conditions) Follow the manufacturerôs recommended instructions for installing the finished floor, using the adhesive and trowel size specified. **Note:** ***The AcoustiCORK PURC 200 underlayment has very limited porosity, so "wet lay" adhesives will take longer to fully cure.***
2. If a rigid baseboard or shoe molding detail is required, leave a minimum 1/8ò 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 clear Acoustical Grade Sealant.

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

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