

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 specific manufacturer of resilient flooring being installed.
2. Concrete subfloor should be level, properly sloped and structurally sound.
3. Inspect concrete subfloor for any open cracks and fill with a high-grade epoxy filler.
4. Remove any excess concrete lumps or residue that may interfere with the installation of the AcustiCORK T51 underlayment or would possibly be “telegraphed” through the finished flooring.

#### **TESTING FOR MOISTURE**

1. Test the subfloor for excessive moisture transmission prior to the installation of the AcustiCORK T51.
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 and/or the most recent Resilient Flooring Institute Installation Manuals for methods and materials for dealing with excessive subfloor moisture.

#### **PERIMETER ISOLATION / EXPANSION GAP**

1. It is important that the finished flooring not directly contact the perimeter walls or vertical partitions of 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 1/4” gap between finished flooring and the fixed partitions or walls.
3. As an alternative: a perimeter 3/4” isolation barrier strip can be affixed vertically to the walls or partitions and be trimmed flush with the surface of the finished floor when the floor is installed. (Contact us for details).
4. See section 3 under Applying Glued Down Sheet Vinyl, Solid Vinyl Tile, LVT or Linoleum Flooring for details regarding finish trims and maintaining Perimeter Isolation.

#### **ACOUSTICORK T51 UNDERLAYMENT for GLUED DOWN VINYL or LINOLEUM FLOORS**

1. Cut the 2mm AcustiCORK T51 roll material to the desired length and position the material in the space to be covered.

2. Butt the AcustiCORK T51 material against the perimeter isolation barrier (if used) 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 U or V-notched trowel (minimum 1/16”) apply either: 1.) A 100% Polyurethane Adhesive when applying over non or limited porosity surfaces, 2.) A Premium Quality Multi-Purpose Adhesive when applying over more porous surfaces. 3.) An Acrylic Pressure Sensitive Adhesive – that is recommended for installing LVT and similar products (not VCT) on porous and non porous substrates. (*use the recommended trowel size for low porosity substrates and allow the adhesive to “flash off”*) Place the AcustiCORK T51 underlayment into the bed of adhesive applied. Repeat the process for the other half of the sheet, rolling in both directions with a 100# 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 vinyl and linoleum flooring, so the underlayment work must be as smooth and well seamed as possible.* Roll the floor area in both directions using a 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.**
5. After completion, the AcustiCORK T51 underlayment should cover the entire floor area without gaps and be securely bonded with the joints tightly butted.

#### **GLUED DOWN SHEET VINYL, VCT, LVT or LINOLEUM FLOORING**

1. Follow the manufacturers recommended instructions for installing the finished floor, using the adhesive and trowel size specified. **Note: The AcustiCORK T51 underlayment has limited porosity, so be aware that “wet lay” adhesives will take longer to fully cure.**
2. Trim the Perimeter Isolation Barrier (if used), previously installed, flush with the surface of the finished floor.
3. If a baseboard or shoe molding detail is required, leave a minimum 1/8” gap between the finished floor and the bottom of the shoe or baseboard. This gap can be filled with a non-hardening, color matching, paintable or clear Acoustical Grade Sealant.

**Note: After installation the floor needs to be protected from potential damage from other trades. Do not drag heavy objects across the floor. Plywood or other rigid materials should be used to protect the floor from damage until all other work is done and/or the space is ready for occupancy.**

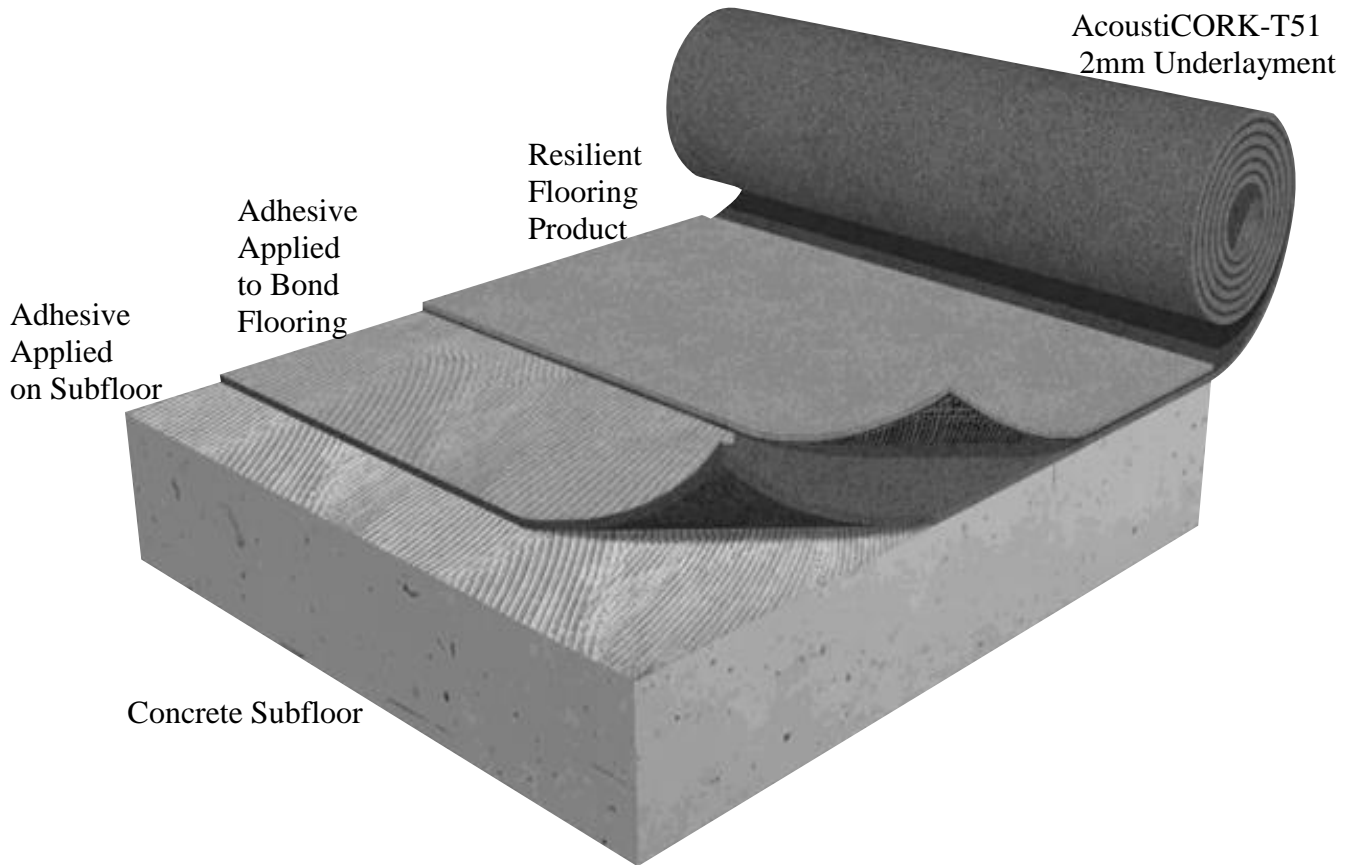
# AcoustiCORK™ T51

2mm Cork Rubber Control Underlayment

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## INSTALLATION INSTRUCTIONS

Glued Down Resilient Flooring on a Concrete Slab Subfloor



## AcoustiCORK™ PRODUCTS

Sound Control Underlayment & Crack Suppression Membrane

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