

AcustiCORK™ CorkPLUS 250

2.5mm Cork/EVA Blend Sound Control Underlayment

INSTALLATION INSTRUCTIONS For Floating Resilient 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 sealed. If the underlayment is loose laid, sealing is not required.
6. Remove any excess lumps or residue from the subfloor that may interfere with the installation of the AcustiCORK CorkPLUS underlayment or would possibly “telegraph” through the finished flooring.

TESTING FOR MOISTURE

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 AcustiCORK CorkPLUS 250.
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 Manual for methods and materials for dealing with excessive subfloor moisture conditions. For non-adhered applications, a loose laid 6mil poly film can be used.

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 1/4” gap between finished flooring and the fixed partitions or walls. See the details under section 3 under Applying Floating Vinyl or Linoleum Flooring for details regarding finish trims and maintaining Perimeter Isolation.

ACOUSTICORK CorkPLUS 250 UNDERLAYMENT for FLOATING VINYL FLOORING PRODUCTS

1. Cut the 2.5mm AcustiCORK CorkPLUS 250 roll material to the desired length and position the material in the space to be covered.

2. Starting on one side, butt the CorkPLUS 250 material against the wall, fixed partitions or edge of the space to be covered.

3. Determining Whether to Glue Down or Loose-Lay the Cork PLUS 250 Underlayment

If the finished flooring product is 3mm (.118”) or more thick and more of a rigid plank or tile rather than a “pliable” sheet (easy to roll up), it may be possible to loose-lay or “float” the CorkPLUS 250 underlayment. If the underlayment is to be loose laid, the seams should be securely taped and it may also be advisable to bond it to the subfloor at the perimeter, doorways and or areas that transition into other flooring materials, using either an adhesive or commercial grade double faced tape.

If the finished flooring product is a more “pliable” sheet material (easy to roll up) or a tile or plank product that is thinner than 3mm (.118”), it is recommended that the underlayment be fully adhered to the subfloor. To do so, pull the loose laid material back at least half the length of the cut material. Using a properly sized notched trowel and apply either:

- 1.) A **100% Polyurethane Adhesive** when applying over either porous or limited porosity surfaces (1/16” trowel recommended)
- 2.) A **Clear Thin Spread (Acrylic) Adhesive** (use the recommended trowel size for low porosity substrates 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 AcustiCORK CorkPLUS 250 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 many resilient flooring products, so the underlayment work must be as smooth and well seamed as possible.* For glued applications, 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.*

5. After completion, the CorkPLUS 250 underlayment should cover the entire floor area without gaps with the joints tightly butted and taped.

APPLYING FLOATING VINYL or LINOLEUM FLOORING

1. Once the underlayment is installed on the subfloor, care should be exercised too avoid having it move or shift during the installation of the finished flooring. Follow the manufacturer’s recommended instructions for installing the finished flooring product. **Note: If the flooring manufacturer requires their product to be “perimeter glued” it is recommended that the CorkPLUS 250 product be fully adhered to the subfloor.**
2. If a rigid baseboard or shoe 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 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.

AcustiCORK™ PRODUCTS

Sound Control Underlayment & Crack Suppression Membrane

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