AcoustiCORK™ RC Series

5&10mm Rubber/Cork Sound Control Underlayment

INSTALLATION INSTRUCTIONS
Ceramic Tile - Direct Bonded on a Concrete Slab Subfloor

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 Tile Council of America and as specified in the American National Standards Institute.

SUBFLOOR

1. All subfloor work should be in accordance with the recommended procedures as published by the Tile Council of America and the American National Standards Institute (ANSI).
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 AcoustiCORK RC Series underlayment.

PERIMETER ISOLATION STRIP

1. Install the precut 3/4" wide, 6mm thick perimeter isolation barrier vertically around the perimeter of the entire floor including any openings or protrusions such as electrical boxes, heating ducts, cold air returns, columns or pipes in the subfloor installation. The perimeter isolation strip **MUST be installed prior** to AcoustiCORK RC Series underlayment being installed.
2. Remove the release liner from the self-adhesive backing and place flat against the wall, flush to the floor.
3. After positioning, press the isolation barrier firmly into place at all wall and vertical partitions surrounding the perimeter using the AcoustiCORK underlayment material.
4. Never mechanically fasten the isolation barrier, as this will severely diminish the acoustical performance of the entire sound rated floor system.
5. After the finished floor is installed the perimeter isolation barrier should be trimmed flush with the surface of the finished floor.

ACOUSTICORK RC SERIES UNDERLAYMENT for DIRECT BONDED CERAMIC TILE FLOOR

1. Cut the 5mm or 10mm thick AcoustiCORK RC Series material to the desired length and position the material in the space to be covered.
2. Butt the AcoustiCORK RC Series material against the perimeter isolation barrier 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 3/32") apply a 100% Polyurethane based wood flooring adhesive, gently place rolled back section into the bed of adhesive and imbed it into the adhesive. Repeat the process for the other half of the sheet, making sure there is 100% adhesive coverage on the subfloor. Roll in both directions with a 75 or 100# floor roller to remove any entrapped air. **(As an alternative a 118.4 thin-set mortar can be used, with a minimum 1/8" V notch trowel. If this option is selected it is important to protect the installation from foot traffic for a minimum of 48 hours.**)
4. Repeat the process for the balance of the room.
5. Proceed to cover the entire room, making sure the underlayment is tightly butted together, without gaps. Roll the floor area in both directions using a 100# roller; to endure the underlayment is firmly embedded in the adhesive. **Never mechanically fasten the underlayment to the subfloor, as this will severely diminish the acoustical value of the product.**
6. After completion, the AcoustiCORK RC Series underlayment should cover the entire floor area without gaps and be securely bonded with the joints tightly butted.

CERAMIC TILE INSTALLATION

1. Follow the tile and setting material manufacturers recommended instructions for the installation of the finished floor tile conforming to ANSI A108.1 A, B, C and A108.5, depending on the method of installation. Direct bonded applications of tile should be installed with a Latex Modified Thin-Set **High Performance Mortar meeting or exceeding ANSI standard 118.4.**
2. After the tile floor is installed and grouted, visually inspect and remove, where necessary and excess mortar or grout that is in contact with any walls or protrusions in the floor. Failure to do so may greatly diminish the acoustical performance of the system.
3. Trim the Perimeter Isolation Barrier, previously installed, flush with the surface of the finished floor.
4. Prior to the installation of any base or trim, a bead of non hardening acoustical grade sealant should be installed on the top edge of the trimmed Isolation Barrier.
5. If a tile wall or cove base is to be installed, **the space between the floor tile and the tile base should not be grouted.** A non-hardening flexible color matching sealant should be used to fill this joint.
6. If 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.

AcoustiCORK™ PRODUCTS

Sound Control Underlayment & Crack Suppression Membrane

26112 110th Street • PO Box 25 • Trevor, WI 53179 • 1-800-558-3206 • 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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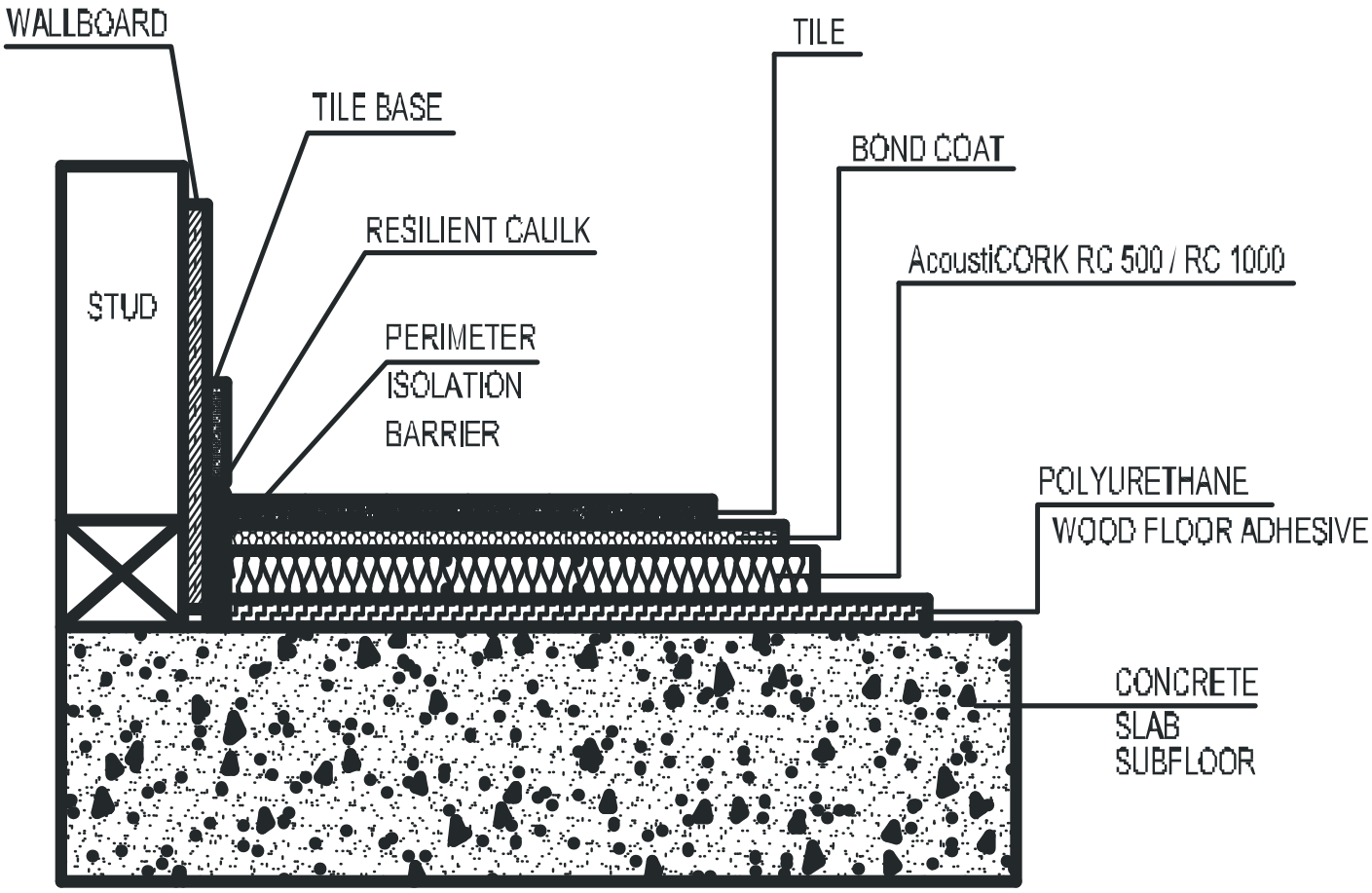

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