

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 National Oak Flooring Manufacturers Association (NOFMA) and the National Wood Flooring Association (NWFA).

### **SUBFLOOR**

1. All subfloor work should be in accordance with the recommended procedures as published by NOFMA and the NWFA.
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 AC55 Plus underlayment.

### **TESTING FOR MOISTURE**

1. Test the subfloor for excessive moisture prior to the installation of the AcoustiCORK AC55 Plus.
2. If excessive moisture is present (normally >3 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 NOFMA & NWFA Installation Manuals for methods and materials for dealing with excessive subfloor moisture.

### **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 AC55 Plus 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 isolation barrier should be flush or slightly below the surface of the finished floor.

### **ACOUSTICORK AC55 PLUS UNDERLAYMENT for GLUED DOWN HARDWOOD FLOORS**

1. Starting in one corner of the room, snap a chalk line 24" from the edge of the perimeter isolation barrier installed at the floor/wall junction.
2. Using a properly sized U or V-notched trowel (minimum 1/8") apply a good quality wood flooring adhesive in the area between the chalk line and the wall down the entire length of the area to be covered.
3. Lay the AcoustiCORK AC55 Plus sheets into the bed of adhesive applied, butting the sheets tightly against the perimeter isolation barrier already installed. Trim the last sheet to length to fit the space available.
4. Snap another chalk line 24" from the edge of the previously laid sheets and repeat the process of applying the adhesive and installing the sheets, starting with a 1/2 sheet on alternating rows to stagger the seams.
5. Proceed to cover the entire room, making sure the sheets are tightly butted together, without gaps. Roll the floor in both directions using a 100# roller. **Never mechanically fasten the sheets to the subfloor, as this will severely diminish the acoustical value of the product.**
6. After completion, the AcoustiCORK AC55 Plus sheets should cover the entire floor area without gaps and be securely bonded with the joints tightly butted.

### **GLUED DOWN WOOD FLOORING**

1. Follow the manufacturers recommended instructions for installing the finished floor, using the adhesive and trowel size specified.
2. 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 must be filled with a non-hardening, color matching, paintable or clear Acoustical Grade Sealant.

## **AcoustiCORK™ PRODUCTS**

### **Sound Control Underlayment & Crack Suppression Membrane**

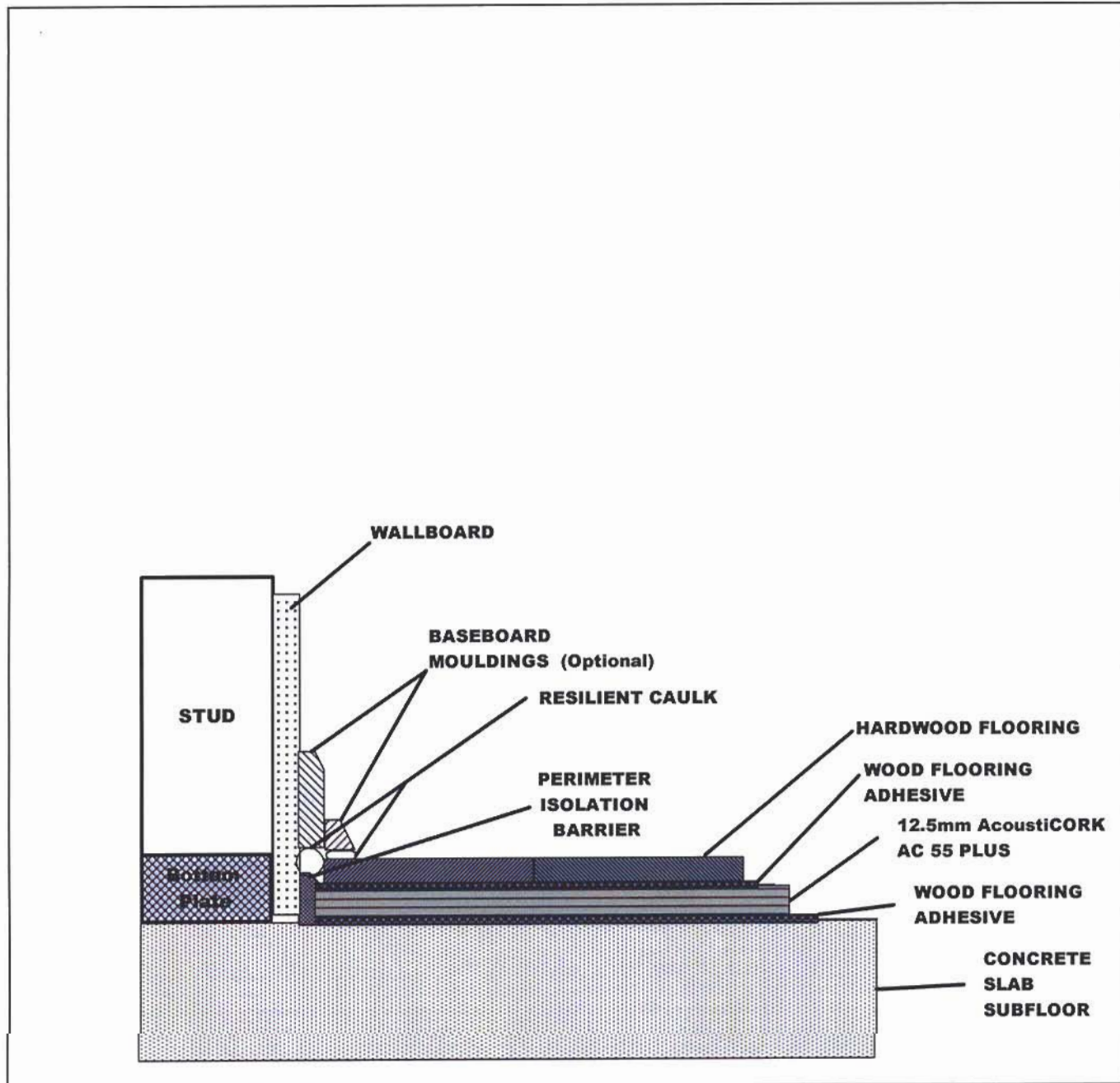
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Visit our Website at [www.acousticorkusa.com](http://www.acousticorkusa.com) for the most complete information on AcoustiCORK™

# AcustiCORK™ AC55 Plus

High Performance Sound Control Underlayment

INSTALLATION INSTRUCTIONS  
Glued Down Hardwood Flooring on a  
Concrete Slab Subfloor – Direct Bond



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