

AcoustiCORK

Sound Control Underlayment R60

Suggested Recommendations for Your Project Specifications

A. GENERAL

Related Work: Drawings and general provisions of the contract including General and Supplemental Conditions and Divisions 1 Specification Sections apply to the work of this section.

B. PRODUCT

Manufacturer: Amorim Industrial Solutions, Trevor, Wisconsin
Phone: 800-255-2675 and Fax: 262-862-2500.

Product: 6mm AcoustiCORK R60 underlayment. Product shall consist of pure granulated cork combined with a polyurethane resin binder. Product to be furnished in 48" wide continuous rolls, 100 linear feet long, or 4' x 6' and 6mm thick, $\pm .010$ tolerance. Density shall be a minimum of 11.4 lbs. per cubic foot and not to exceed 13 lbs. per cubic foot.

Product: $\frac{1}{2}$ " AcoustiCORK S130 underlayment. Product shall consist of pure granulated cork combined with a polyurethane resin binder. Product to be furnished in 24" x 36" x $\frac{1}{2}$ " sheets, $\pm .010$ tolerance. Density shall be a minimum of 11.8 lbs. per cubic foot and not to exceed 13.6 lbs. per cubic foot.

C. SYSTEM PERFORMANCE

Acoustical: Product shall be tested for acoustical values in accordance with ASTM E90-90 and E492-90 for STC and IIC values respectively. Testing of acoustical values shall be conducted by an independent laboratory accredited by the U.S. Dept. of Commerce, National Voluntary Laboratory Accreditation Program.

Structural: Product shall be tested for structural and deflection performance in accordance with ASTM C627-88, and shall have a minimum of a residential construction rating.

Thermal Resistance: Product shall be tested for thermal resistance in accordance with ASTM C177-85 and shall have a minimum "R" value of 3.125 (per inch of thickness).

Limited 10 Year Warranty: Manufacturer warrants AcoustiCORK Products to be free of defects in material and workmanship appearing within ten (10) years from date of installation.

If a defect covered by this warranty is proven to exist, Acousticork Products will replace or at its option, refund the cost of the defective product. Such replacement or refund will be Acousticork Products' only responsibility and the purchaser's sole remedy in connection with the defective material. Acousticork Products will not be responsible for the cost of removal of the defective material or finished floor installed over it, replacement or finished floor installed over defective material of installation associated therewith. Acousticork Products will also have no responsibility for replacement of or refund for warranted material damaged by (1) installation which is sub-standard or performed contrary to manufacturer's instructions and/or recommendations, (2) accident or abuse, or (3) irregularities of the subfloor, (4) hydrostatic pressure (5) or acts of God.

Acousticork Products will not be responsible for any incidental or consequential damages arising from the breach of this warranty or any other warranties, whether expressed, implied or statutory.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other legal rights which vary from state to state.

To make a warranty claim, contact Acousticork Products at 800-255-2675 or write PO Box 25, Trevor, Wisconsin 53179.

D. EXECUTION

Installation: In accordance with manufacturer's recommended installation instructions for appropriate floor construction and in compliance to ANSI A 108.1 A,B,C; and A108.4 or A 108.5 depending upon method of installation.

1. Subfloor shall be properly sloped, structurally sound, level, and clean. All subfloor work shall be in accordance with recommended installation procedures as provided for various floor system details by the American National Standards Institute.

2. Install AcoustiCORK B60, a precut $\frac{3}{4}$ " wide, 6mm thick perimeter isolation barrier vertically around the perimeter of the entire floor including any openings in the subfloor installation. Remove the release liner from the self-adhesive backing and place flat against the wall flush to the floor. After positioning, press the isolation barrier firmly into place at all wall or vertical partitions surrounding the perimeter area using Acousticork underlayments. Never mechanically fasten the isolation barrier with screws, nails or staples as this will severely diminish the acoustical value of the sound rated floor system. After the floor is installed and grouted, trim the isolation barrier $\frac{1}{4}$ " below the finished floor surface. Caulk the trimmed areas with a bed of non-hardening acoustical sealant flush to the finished floor.

3. Cut 6mm AcoustiCORK to desired length and install directly over the subfloor or place $\frac{1}{2}$ " sheets in place tight to the perimeter isolation barrier. Depending on the subfloor and method of installation, either glue the AcoustiCORK to the subfloor with a multipurpose, latex based adhesive (Type I organic) and roll AcoustiCORK removing all trapped air or loose lay when an overlayment is used. Be sure to butt cork tightly to the isolation barrier already installed. Joints shall be butted together tightly. Never mechanically fasten the cork to the subfloor as this will severely diminish the acoustical value of the system.

4. For ceramic tile installations, a bond coat of dry set mortar or latex modified Portland cement shall be used conforming to ANSI A118.1 and A118.4.

5. Tile and marble shall be standard grade in compliance to ANSI A137.1.