

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

### **B. PRODUCT**

**Manufacturer:** Amorim Industrial Solutions, Trevor, WI 53179  
Phone: 800-255-2675 and Fax: 262-862-2500.

**Product (Double Glued Down Applications)** 2.5mm CorkPLUS 250. The products shall consist of an approximate blend of 50% pure granulated cork and 50% high density EVA foam granules, agglomerated with a polyurethane resin binder. Furnished in 42" wide continuous rolls, 85 linear feet long and 2.5mm (0.098") thick ( $\pm .010$ " tolerance). The density shall be a minimum of 16.5 lbs. per cubic foot and not to exceed 18.5 lbs. per cubic foot.

**Product (Double Glued Down Applications)** 2mm AcustiCORK T-51. The products shall consist of a pure granulated cork and recycled cork/rubber granules agglomerated with a polyurethane resin binder. Furnished in 48" wide continuous rolls, 50 linear feet long and 2mm (0.078") thick ( $\pm .010$ " tolerance). The density shall be a minimum of 35 lbs. per cubic foot and not to exceed 44.5 lbs. per cubic foot.

**Product (Single Glued Down Applications)** 2mm EZ-Floor LVT. The products shall consist of high density polyurethane foam granules, agglomerated with a polyurethane resin binder, with a 4mil polyethylene film laminated to one side. Furnished in 42" wide continuous rolls, 49.24 linear feet long (15m) and 2mm (0.078") thick ( $\pm .010$ " tolerance). The density shall be a minimum of 26.5 lbs. per cubic foot and not to exceed 33.5 lbs. per cubic foot.

**Product (Floating LVT Plank Applications)** 2mm PURC 200. The products shall consist of an approximate blend of 50% pure granulated cork and 50% high density polyurethane foam granules, agglomerated with a polyurethane resin binder. Furnished in 42" wide continuous rolls, 98 linear feet long and 2mm (0.078") thick ( $\pm .010$ " tolerance). The density shall be a minimum of 13.5 lbs. per cubic foot and not to exceed 16.5 lbs. per cubic foot.

### **SYSTEM PERFORMANCE**

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

**Limited 10 Year Warranty:** The manufacturer warrants AcustiCORK 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, AcustiCORK Products will replace or at its option, refund the cost of the defective material. Such replacement or refund will be AcustiCORK Products only responsibility and the purchaser's sole remedy in connection with the defective material. AcustiCORK Products will not be responsible for the cost of removal of the defective material or the finished floor installed over it, replacement of finished floor installed over defective material or installation associated therewith. AcustiCORK Products will also have no responsibility for the replacement of or refund for warranted material damaged by (1) installation which is sub-standard or performed contrary to the manufacturer's instructions and/or recommendations, (2) accident or abuse, or (3) irregularities of the subfloor, (4) hydrostatic pressure (5) or acts of God.

**AcustiCORK 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 AcustiCORK Products at 800-255-2675 or write PO Box 25, Trevor, Wisconsin 53179.

### **C. EXECUTION**

**Installation:** All subfloor work shall be in accordance with recommended installation procedures as provided for various floor system details as published by the Resilient Floor Institute. The subfloor shall be properly sloped, structurally sound, level and clean.

1. Cut the AcustiCORK underlayment material to the desired length and position the material in the space to be covered.
2. Butt the AcustiCORK underlayment material or against the wall or perimeter isolation material installed at the floor/wall junction.
3. **For Double Glued Down Installations:** Pull the loose laid material back at least half the length of the cut material. Using a properly sized U or V-notched trowel apply either:
  - a. A **100% Polyurethane Adhesive** when applying over either porous or limited porosity surfaces.
  - b. An **Acrylic Pressure Sensitive Adhesive** – The Adhesive should be one recommended for installing LVT and similar products (not VCT adhesive) on porous and non porous substrates.
4. Place the AcustiCORK underlayment into the bed of adhesive applied. Repeat the process for the other half of the sheet.
5. **For Single Glued Down Installations:** (EZ Floor LVT) The underlayment is loose laid to the subfloor, with the seams taped with a specific type of tape (see the detailed instructions for AcustiCORK EZ Floor LVT for details).
6. **For Floating LVT Plank Installations:** The underlayment is loose laid to the subfloor, with the seams taped.
7. Proceed to cover the entire room, making sure the sheets are tightly butted together, without gaps. For Double Glue Down Installations: Roll the floor area in both directions using a 75# or 100# roller to ensure any entrapped air or bubbles are removed.
8. After completion, the AcustiCORK underlayment should cover the entire floor area without gaps and be securely bonded with the joints tightly butted.

#### **APPLYING GLUED DOWN LVT, LVP, SHEET VINYL, SOLID VINYL TILE or LINOLEUM (Double Glue Down)**

Once the underlayment is firmly bonded to the subfloor, follow the manufacturer's recommended instructions for installing the finished floor, using the adhesive and trowel size specified.

#### **APPLYING GLUED DOWN LVT, LVP, (Single Glue Down)**

Once the underlayment has been applied to the subfloor, follow the manufacturer's recommended instructions for installing the finished floor, using the adhesive and trowel size specified.

**Note: The AcustiCORK Resilient Flooring underlayments have very limited porosity, so "wet lay" adhesives will take longer to fully cure.**

#### **APPLYING FLOATING LVT, LVP**

Once the underlayment has been applied to the subfloor, follow the manufacturer's recommended instructions for installing the finished floor.

**Note:** 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.

## AcustiCORK™ PRODUCTS

### Sound Control Underlayment & Crack Suppression Membrane

26112 110th Street • PO Box 25 • Trevor, WI 53179 • 1-800-255-2675 • 1-262-862-2311 • FAX 1-262-862-2500

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