

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, National Wood Flooring Association or your local wood flooring association.

### **SUBFLOOR**

1. All subfloor work should be in accordance with the recommended procedures as published by the National Oak Flooring Manufacturers Association and National Wood Flooring Association.

2. Concrete subfloor should be properly sloped, structurally sound, level and clean.

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 underlayment.

### **TESTING FOR MOISTURE**

1. Test concrete slab for excessive moisture prior to installing AcoustiCORK underlayment.

2. If excessive moisture is present in the slab, consult the project architect for materials and methods of installation to correct the problems.

### **VAPOR BARRIER**

1. Consult the most recent NOFMA and NWFPA Installation Manuals for materials and methods associated with the use of a vapor barrier.

### **PERIMETER ISOLATION BARRIER**

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 barrier **must** be installed prior to AcoustiCORK 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 or vertical partitions surrounding the perimeter areas using Acousticork underlayments.

4. Never mechanically fasten the isolation barrier with screws, nails or staples as this will severely diminish the acoustical values of the entire sound rated floor system.

5. **After the floor is installed**, trim the isolation barrier 1/4" below the finished floor surface.

6. Caulk the trimmed areas with a bead of non-hardening acoustical sealant flush to the finished floor.

### **ACOUSTICORK UNDERLAYMENTS**

1. Cut 6mm AcoustiCORK underlayment to desired length and install directly over the subfloor with crown of the rolled material down (label side down). The temporary curl of the material will easily flatten out after the material has been glued and rolled.

2. Butt the cork directly against the isolation barrier already installed.

3. Joints should be butted together tightly and taped with duct or fiberglass mesh tape. It is not recommended that the Acousticork be glued to the subfloor. **Never mechanically fasten the cork to the floor as this will severely diminish the acoustical value of the cork.**

4. After completion, cork should cover the entire flooring area without gaps and with joints securely taped.

### **FLOATING WOOD FLOOR**

1. Follow manufacturers recommended instructions for finished floor, including any membrane as required by the manufacturer

2. If a baseboard is used, leave a minimum 1/8" gap between the finished floor and the bottom of the baseboard.

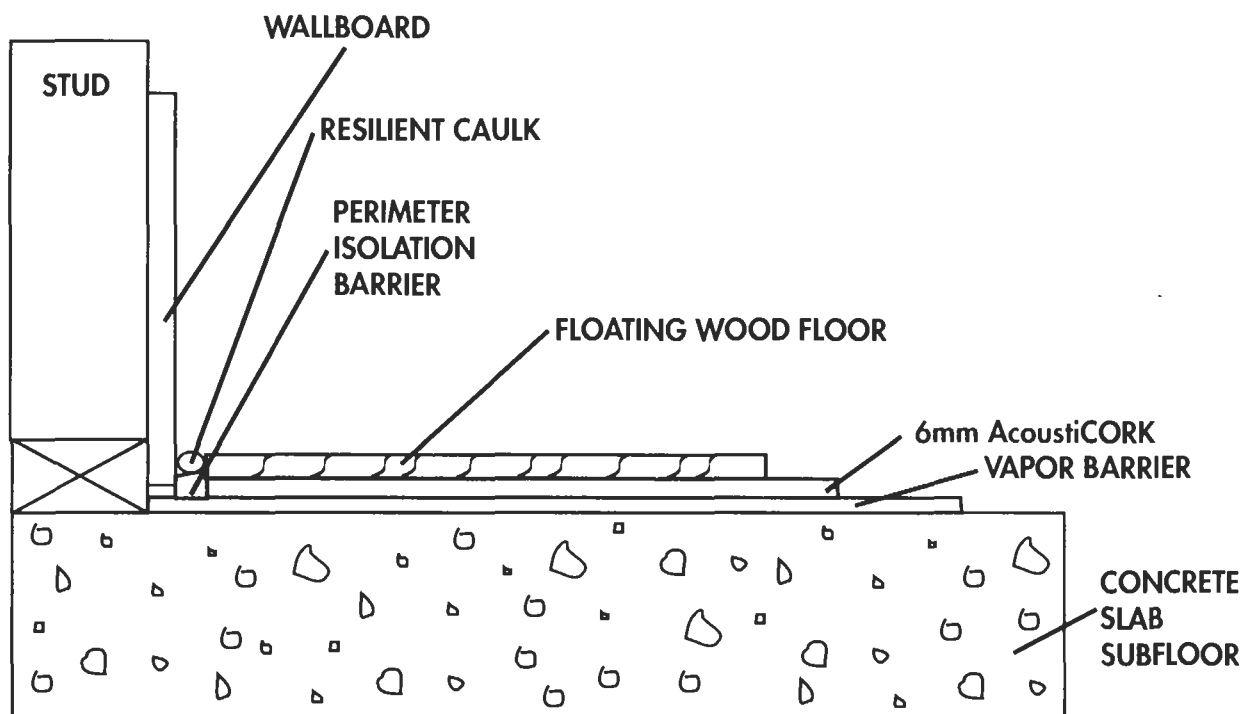
## Acousticork PRODUCTS™

Sound Control Underlayment & Crack Suppression Membrane

26112 110th Street • PO Box 25 • Trevor, WI 53179 • 1-800-255-2675 • 1-262-862-9251 • FAX 1-262-862-2500



AMORIM



**Floating Wood Floors on a Concrete Slab**

**NOTE: NOT DRAWN TO SCALE**

**Acousticork<sup>™</sup> PRODUCTS**

Sound Control Underlayment & Crack Suppression Membrane

26112 110th Street • PO Box 25 • Trevor, WI 53179 • 1-800-255-2675 • 1-262-862-9251 • FAX 1-262-862-2500



AMORIM

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, National Wood Flooring Association or your local wood flooring association.

### **SUBFLOOR**

**1.** All subfloor work should be in accordance with the recommended installation procedures as published by the National Oak Flooring Manufacturers Association and National Wood Flooring Association.

**2.** Concrete subfloor should be level, properly sloped, textured 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 AcustiCORK underlayment.

### **TESTING FOR MOISTURE**

**1.** Test concrete slab for excessive moisture in relationship to the geographical area of installation prior to installing AcustiCORK underlayment.

**2.** If excessive moisture is present in the slab, consult the project architect or the local distributor for materials and methods of installation to correct the problems.

### **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 AcustiCORK 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 strip firmly into place at all wall or vertical partitions surrounding the perimeter areas using AcustiCORK underlayments.

**4.** Never mechanically fasten the isolation strip with screws, nails or staples as this will severely diminish the acoustical values of the entire sound rated floor system.

**5. After the floor is installed and grouted,** trim the isolation strip 1/4" below the finished floor surface.

**6.** Caulk the trimmed areas with a bead of acoustical sealant flush to the finished floor.

### **ACOUSTICORK UNDERLAYMENTS**

**1.** Cut 6mm AcustiCORK underlayment to desired length and install directly over the subfloor with crown of the rolled material down (label side down). The temporary curl of the material will easily flatten out after the material has been glued and rolled.

**2.** Butt the cork directly against the isolation barrier already installed.

**3.** Pull the loose laid material back at least half the length of the cut cork. Using a properly sized V-notched trowel, apply either a Urethane base adhesive or the same type of adhesive that is to be used to bond the wood flooring to the AcustiCORK to the concrete slab. Or, follow the recommendation of the wood floor manufacturer. Gently, return the pulled back material to its measured place and roll in both directions with a 100# roller. Repeat the procedure for the other half of the measured material.

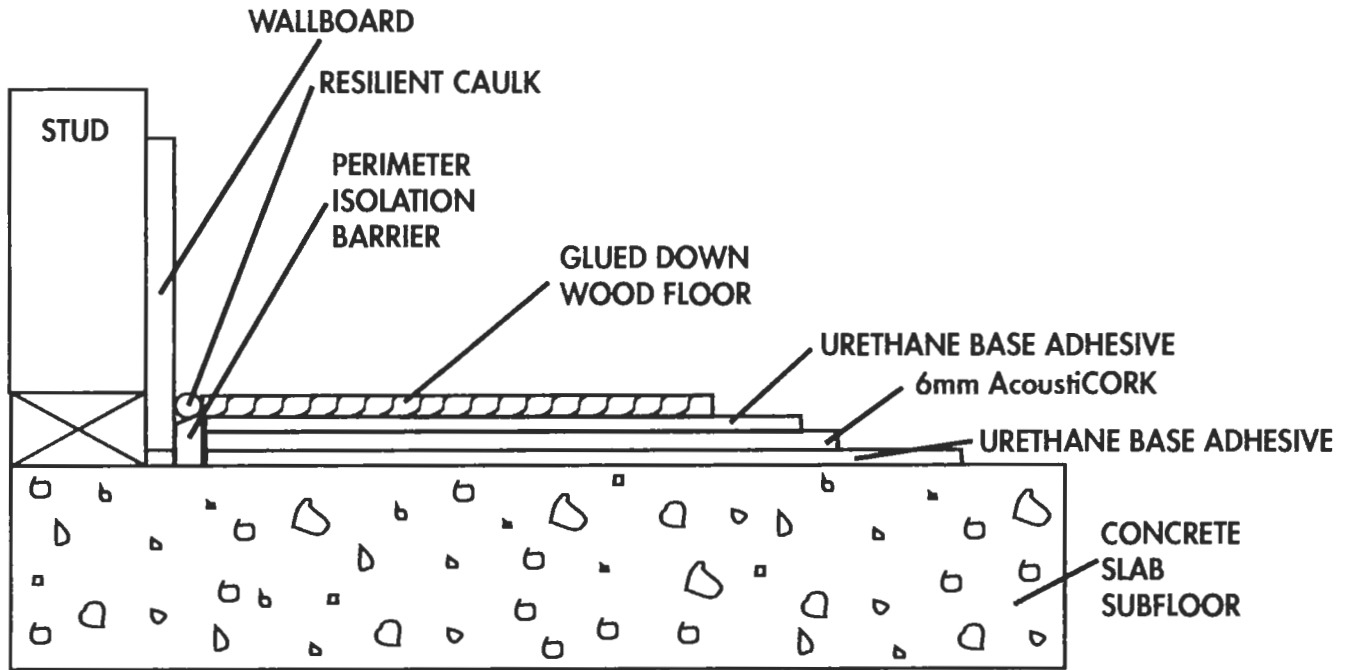
**4.** Proceed to cover the entire floor making sure that joints are butted tight. **Never mechanically fasten the cork to the floor as this will severely diminish the acoustical value of the cork.**

**5.** After completion, cork should cover the entire flooring area without gaps and with joints securely taped.

### **GLUED DOWN WOOD FLOORING**

**1.** Follow manufacturers recommended instructions for installation of finished floor.

**2.** If a baseboard is used, leave a minimum 1/8" gap between the finished floor and the bottom of the baseboard.



**Acousticork** PRODUCTS<sup>®</sup>  
Sound Control Underlayment & Crack Suppression Membrane

**NOTE: Not Drawn To Scale**



26112 110th Street • PO Box 25 • Trevor, WI 53179 • 1-800-255-2675 • 1-414-862-9251 • FAX 1-414-862-6374

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, National Wood Flooring Association or your local wood flooring association.

### **SUBFLOOR**

1. All subfloor work should be in accordance with the recommended procedures as published by the National Oak Flooring Manufacturers Association and National Wood Flooring Association.

2. Concrete subfloor should be properly sloped, structurally sound, level and clean.

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 AcustiCORK underlayment.

### **TESTING FOR MOISTURE**

1. Test concrete slab for excessive moisture prior to installing AcustiCORK underlayment.

2. If excessive moisture is present in the slab, consult the project architect for materials and methods of installation to correct the problems.

### **VAPOR BARRIER**

1. Consult the most recent NOFMA and NWFMA Installation Manuals for materials and methods associated with the use of a vapor barrier.

### **PERIMETER ISOLATION BARRIER**

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 barrier **must** be installed prior to AcustiCORK 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 or vertical partitions surrounding the perimeter areas using AcustiCORK underlayments.

4. Never mechanically fasten the isolation barrier with screws, nails or staples as this will severely diminish the acoustical values of the entire sound rated floor system.

5. **After the floor is installed**, trim the isolation barrier 1/4" below the finished floor surface.

6. Caulk the trimmed areas with a bead of non-hardening acoustical sealant flush to the finished floor.

### **ACOUSTICORK UNDERLAYMENTS**

1. Cut 6mm AcustiCORK underlayment to desired length and install directly over the subfloor with crown of the rolled material down (label side down). The temporary curl of the material will easily flatten out after the material has been glued and rolled.

2. Butt the cork directly against the isolation barrier already installed.

3. Joints should be butted together tightly and taped with duct or fiberglass mesh tape. It is not recommended that the Acousticork be glued to the subfloor. **Never mechanically fasten the cork to the floor as this will severely diminish the acoustical value of the cork.**

4. After completion, cork should cover the entire flooring area without gaps and with joints securely taped.

### **PLYWOOD SUBFLOOR**

1. Consult the most recent NOFMA and NWFMA Installation Manuals for materials and methods associated with the installation of a plywood subfloor to be used with an Nailed Down Wood Floor.

### **NAILED DOWN WOOD FLOORING**

1. Follow manufacturers recommended instructions for finished floor, including any membrane as required by the manufacturer.

2. Never drive a mechanical fastening device through the plywood nailer and cork into the subfloor. This will severely diminish the acoustical value of the cork.

3. If a baseboard is used, leave a minimum 1/8" gap between the finished floor and the bottom of the baseboard.

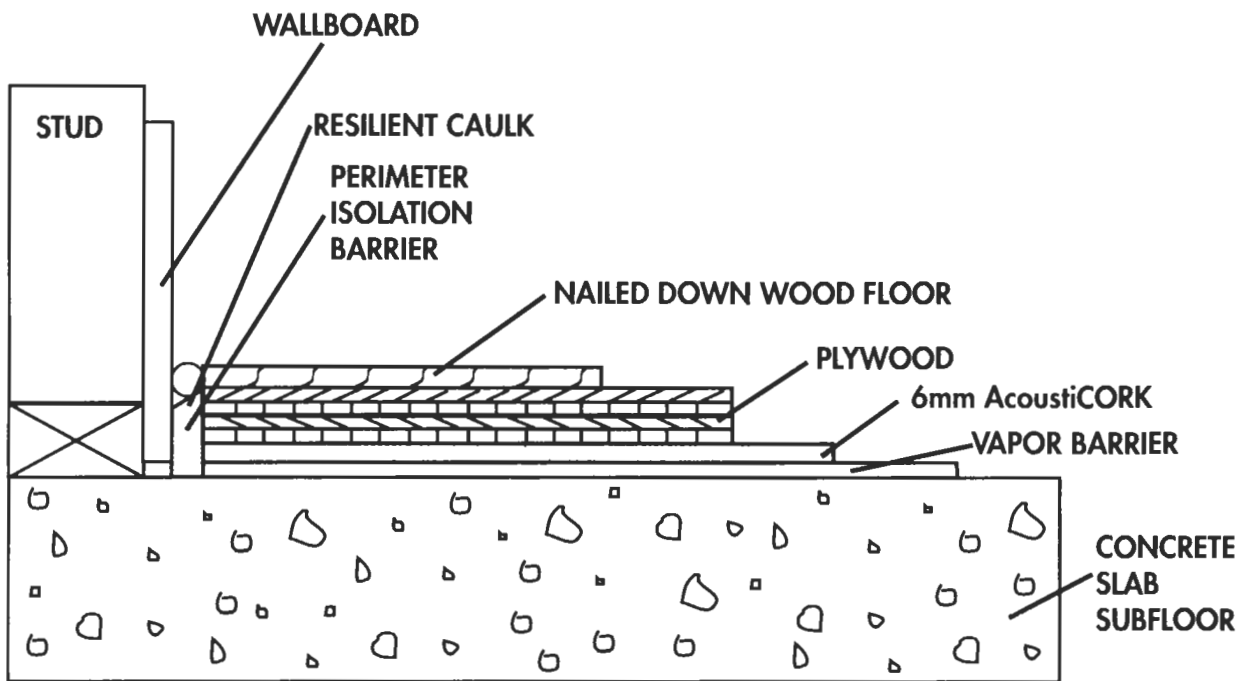
## AcusticorkPRODUCTS™

Sound Control Underlayment & Crack Suppression Membrane

26112 110th Street • PO Box 25 • Trevor, WI 53179 • 1-800-255-2675 • 1-262-862-9251 • FAX 1-262-862-2500



AMORIM



### Nailed Down Wood Flooring on a Concrete Slab

**NOTE: NOT DRAWN TO SCALE**

**Acousticork**PRODUCTS™

Sound Control Underlayment & Crack Suppression Membrane

26112 110th Street • PO Box 25 • Trevor, WI 53179 • 1-800-255-2675 • 1-262-862-9251 • FAX 1-262-862-2500



AMORIM

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 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 specified in the American National Standards Institute.

**2.** Concrete subfloor should be level, properly sloped, textured 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 AcustiCORK 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 AcustiCORK 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 strip firmly into place at all wall or vertical partitions surrounding the perimeter areas using AcustiCORK underlayments.

**4.** Never mechanically fasten the isolation strip with screws, nails or staples as this will severely diminish the acoustical values of the entire sound rated floor system.

**5.** After the floor is installed and grouted, trim the isolation strip 1/4" below the finished floor surface.

**6.** Caulk the trimmed areas with a bead of acoustical sealant flush to the finished floor.

### **ACOUSTICORK UNDERLAYMENTS**

**1.** Cut 6mm AcustiCORK underlayment to desired length and install directly over the subfloor with crown of the rolled material down (label side down). The temporary curl of the material will easily flatten out after the material has been glued and rolled.

**2.** Butt the cork directly against the isolation barrier already installed.

**3.** Pull the loose laid material back at least half the length of the cut cork. Using a properly sized V-notched trowel, apply a Type I organic multi-purpose latex based adhesive to the concrete slab. Gently, return the pulled back material to its measured place and roll in both directions with a 100# roller. Repeat the procedure for the other half of the measured material.

**4.** Proceed to cover the entire floor making sure that joints are butted tight. **Never mechanically fasten the cork to the floor as this will severely diminish the acoustical value of the cork.**

**5.** After completion, cork should cover the entire flooring area without gaps.

### **CERAMIC TILE**

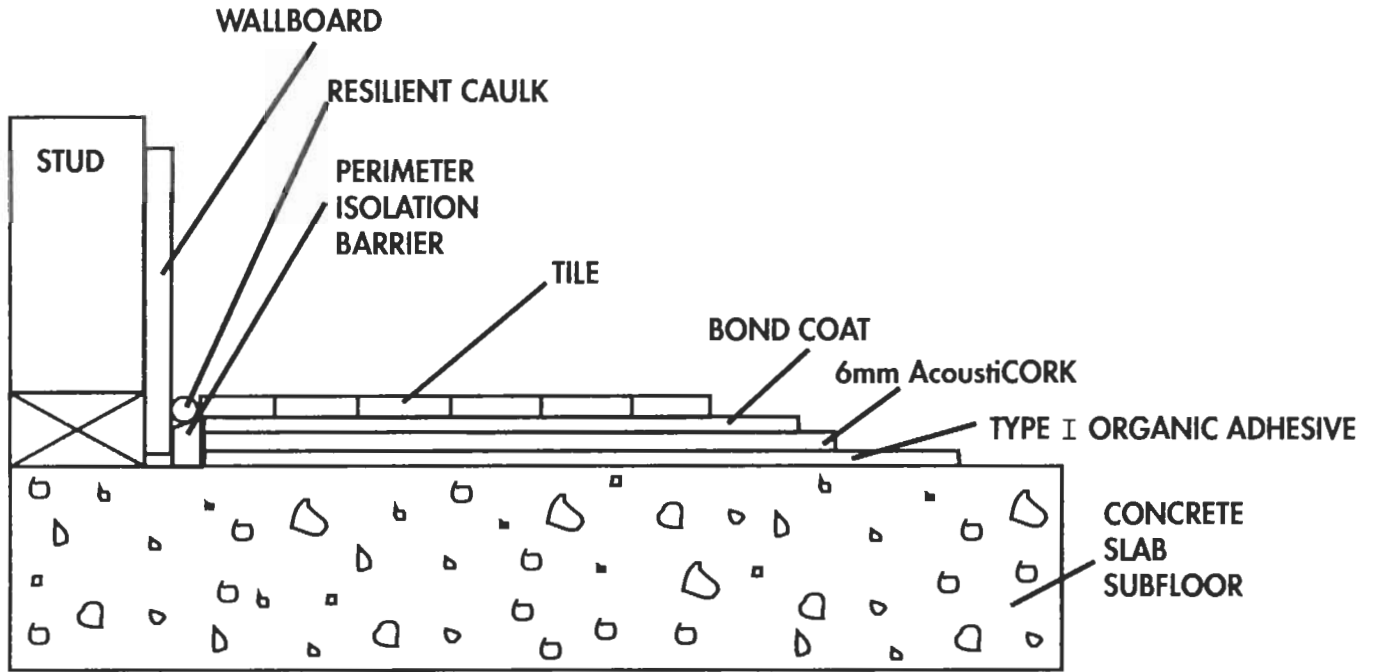
**1.** Follow manufacturers recommended instruction for installation of finished floor tile conforming to ANSI A108.1 A, B, C and A108.4 or A108.5 depending upon method of installation.

**2.** After the tile floor is installed and grouted, trim the isolation barrier 1/4" below the finished floor surface.

**3.** Caulk the trimmed areas with a bead of acoustical sealant, flush to the finished floor.

**4.** Caulk the trimmed areas with a bead of non-hardening acoustical sealant, flush to the finished floor. It is imperative that grout not be used to fill the trimmed area as this will act as a conductor of noise from room to room.

**5.** If a baseboard is used, leave a minimum 1/8" gap between the finished floor and the bottom of the baseboard. If cove base is used, a non-hardening acoustical sealant should be used to fill the grout joint between the last row of floor tile and the base.





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 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 specified in the American National Standards Institute.

**2.** Concrete subfloor should be properly sloped, structurally sound, level and clean.

**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 AcustiCORK underlayment.

### **PERIMETER ISOLATION BARRIER**

**1.** Install the a 3" 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 barrier **must** be installed prior to AcustiCORK 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 or vertical partitions surrounding the perimeter areas using AcustiCORK underlayments.

**4.** Never mechanically fasten the isolation barrier with screws, nails or staples as this will severely diminish the acoustical values of the entire sound rated floor system.

**5. After the floor is installed and grouted,** trim the isolation barrier 1/4" below the finished floor surface.

**6.** Caulk the trimmed areas with a bead of non-hardening acoustical sealant flush to the finished floor.

### **ACOUSTICORK UNDERLAYMENTS**

**1.** Cut 6mm AcustiCORK underlayment to desired length and install directly over the subfloor with crown of the rolled material down (label side down). The temporary curl of the material will easily flatten out after the material has been glued and rolled.

**2.** Butt the cork directly against the isolation barrier already installed.

**3.** Joints should be butted together tightly and taped with

duct or fiberglass mesh tape. It is not recommended that the Acousticork be glued to the subfloor. **Never mechanically fasten the cork to the floor as this will severely diminish the acoustical value of the cork.**

**4.** After completion, cork should cover the entire flooring area without gaps and with joints securely taped.

### **CEMENTITIOUS BACKER UNITS "CBU"**

**1.** Install 1/2" CBU's perpendicular directly on top of the Acousticork allowing 1/4" gap between units. CBU joints should not align.

**2.** With the units gapped, apply 2" high strength fiber-glass tape to the bottom of each unit, so as to join the units.

**3.** Fill the gap joint between the two units with acrylic modified Portland cement mortar to the top of the gap joint.

**4.** Apply another 2" strip of high strength fiberglass tape directly over the joint making sure that a ridge does not occur at the joint due to too much cement mortar.

**5.** Trowel a thin coat of acrylic modified Portland cement mortar over the taped joint to ensure a smooth and flat surface for the installation of the tile.

**6.** At the spot where the corners of the CBU's meet, place a heavy object over the corners, as necessary, to ensure a level surface. Boxes of the tile to be installed make an excellent weight and do not require additional handling.

**7.** Allow a minimum of 48 hours for the CBU system to cure prior to any traffic which is essential to a sound structural system.

### **CERAMIC TILE**

**1.** Follow manufacturers recommended instruction for installation of finished floor tile conforming to ANSI A108.1 A, B, C and A108.4 or A108.5 depending upon method of installation.

**2.** After the tile floor is installed and grouted, visually inspect and remove, where necessary, any excess mortar, bond coat or grout that is in contact with the walls or any protrusions in the floor. Failure to do so will greatly diminish the acoustical value of the system.

**3.** Trim the isolation barrier 1/4" below the finished floor surface prior to the caulking of the perimeter joint.

**4.** Caulk the trimmed areas with a bead of non-hardening acoustical sealant, flush to the finished floor. It is imperative that grout not be used to fill the trimmed area as this will act as a conductor of noise from room to room.

**5.** If a baseboard is used, leave a minimum 1/8" gap between the finished floor and the bottom of the baseboard. If cove base is used, a non-hardening acoustical sealant should be used to fill the grout joint between the last row of floor tile and the base.

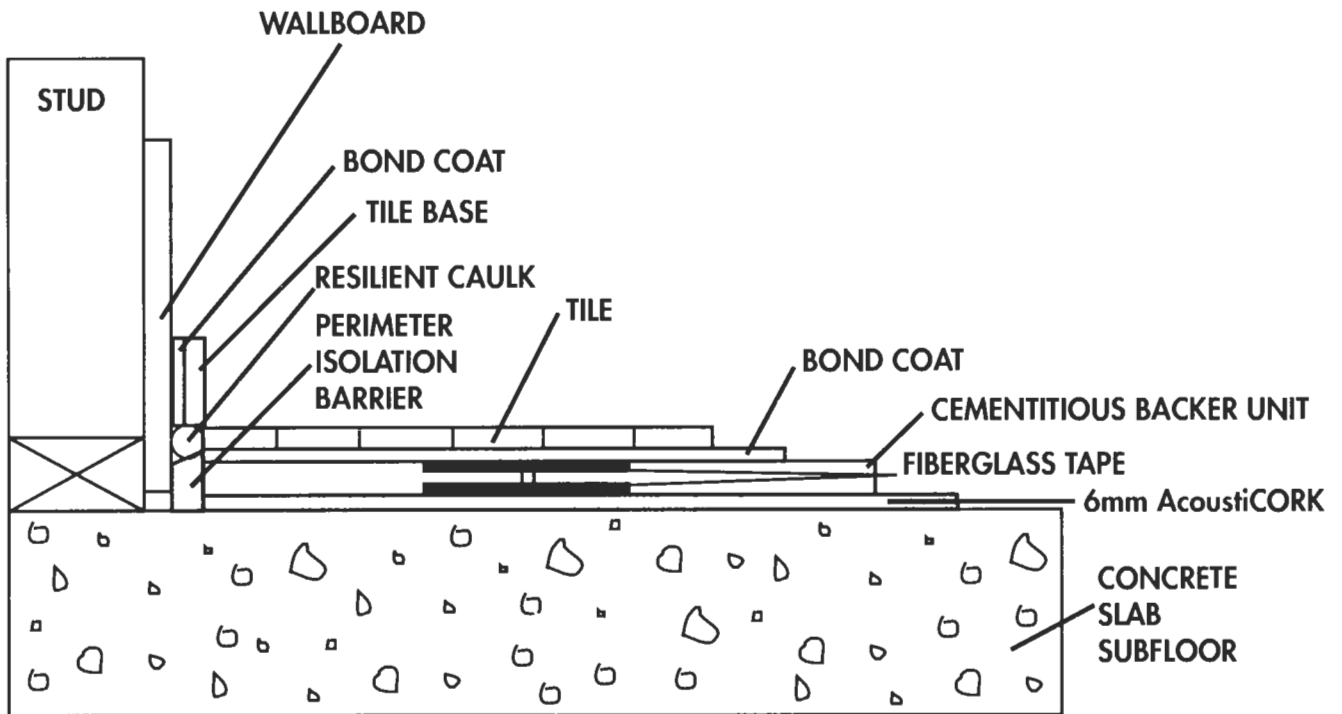
## AcusticorkPRODUCTS™

Sound Control Underlayment & Crack Suppression Membrane

26112 110th Street • PO Box 25 • Trevor, WI 53179 • 1-800-255-2675 • 1-262-862-9251 • FAX 1-262-862-2500



AMORIM



### Tile Floors over 1/2" CBU's on a Concrete Slab

**NOTE: NOT DRAWN TO SCALE**

## AcousticorkPRODUCTS™

Sound Control Underlayment & Crack Suppression Membrane

26112 110th Street • PO Box 25 • Trevor, WI 53179 • 1-800-255-2675 • 1-262-862-9251 • FAX 1-262-862-2500



AMORIM

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 specified in the American National Standards Institute.

### **SUBFLOOR**

**1.** All subfloor work should be in accordance with the recommended installation procedures as published by the Tile Council of America and specified in the American National Standards Institute.

**2.** Concrete subfloor should be properly sloped, structurally sound, level and clean.

**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 underlayment.

### **PERIMETER ISOLATION BARRIER**

**1.** Install a precut 3" 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 barrier **must** be installed prior to AcoustiCORK underlayment being installed.

**2.** After positioning, press the isolation barrier firmly into place at all wall or vertical partitions surrounding the perimeter areas using AcoustiCORK underlayments.

**3.** Never mechanically fasten the isolation barrier with screws, nails or staples as this will severely diminish the acoustical values of the entire sound rated floor system.

**4. After the floor is installed and grouted,** trim the isolation barrier 1/4" below the finished floor surface.

**5.** Caulk the trimmed areas with a bead of non-hardening acoustical sealant flush to the finished floor.

### **ACOUSTICORK UNDERLAYMENTS**

**1.** Cut 6mm Acousticork underlayment to desired length and install directly over the subfloor with crown of the rolled material down (label side down). The temporary curl of the material will easily flatten out after the material has been glued and rolled.

**2.** Butt the cork directly against the isolation barrier already installed.

**3.** Joints should be butted together tightly and taped with duct or fiberglass mesh tape. It is not recommended that the Acousticork be glued to the subfloor. **Never mechanically fasten the cork to the floor as this will severely diminish the acoustical value of the cork.**

**4.** After completion, cork should cover the entire flooring area without gaps and with joints securely taped.

**5.** Cover the Acousticork with either 15# felt or 4mil polyethylene film, to act as a cleavage membrane. Tape the joints of the membrane together with fiberglass mesh tape and tape the edges of the membrane tight to the wall so as to eliminate any mortar from penetrating the AcoustiCORK or the subfloor.

### **MORTAR SETTING BED**

**1.** Install a minimum depth of 1-1/4" thick mortar setting bed in accordance with ANSI A108.1.

### **CERAMIC TILE**

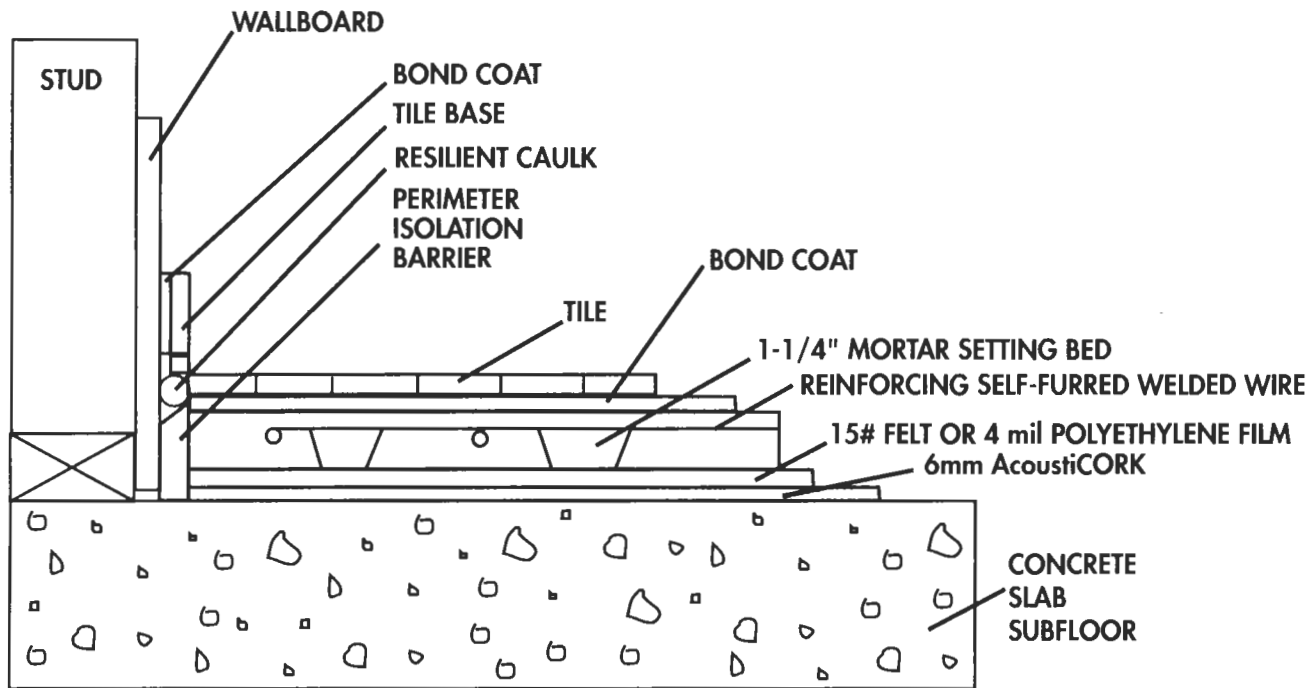
**1.** Follow manufacturers recommended instruction for installation of finished floor tile conforming to ANSI A108.1 A, B, C and A108.4 or A108.5 depending upon method of installation.

**2.** After the tile floor is installed and grouted, visually inspect and remove, where necessary, any excess mortar, bond coat or grout that is in contact with the walls or any protrusions in the floor. Failure to do so will greatly diminish the acoustical value of the system.

**3.** Trim the isolation barrier 1/4" below the finished floor surface prior to the caulking of the perimeter joint.

**4.** Caulk the trimmed areas with a bead of non-hardening acoustical sealant, flush to the finished floor. It is imperative that grout not be used to fill the trimmed area as this will act as a conductor of noise from room to room.

**5.** If a baseboard is used, leave a minimum 1/8" gap between the finished floor and the bottom of the baseboard. If cove base is used, a non-hardening acoustical sealant should be used to fill the grout joint between the last row of floor tile and the base.



### Tile Floors over 1-1/4" Mortar Setting Bed on a Concrete Slab

**NOTE: NOT DRAWN TO SCALE**

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 specified in the American National Standards Institute.

### SUBFLOOR

1. Subfloor should be properly sloped, structurally sound, level and clean. A good grade plywood that does not exceed deflection of  $L/360$  of span including live and dead loads should be used.

2. All subfloor work should be in accordance with the recommended installation procedures as published by the Tile Council of America and specified in the American National Standards Institute.

### PERIMETER ISOLATION BARRIER

1. Install a 3" 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 barrier **must** be installed prior to AcoustiCORK 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 or vertical partitions surrounding the perimeter areas using AcoustiCORK underlayments.

4. Never mechanically fasten the isolation barrier with screws, nails or staples as this will severely diminish the acoustical values of the entire sound rated floor system.

5. After the floor is installed and grouted, trim the isolation barrier 1/4" below the finished floor surface.

6. Caulk the trimmed areas with a bead of non-hardening acoustical sealant flush to the finished floor.

### ACOUSTICORK UNDERLAYMENTS

1. Cut AcoustiCORK underlayment to desired length and install directly over the subfloor with crown of the rolled material down (label side down). The temporary curl of the material will easily flatten out after the material has been glued and rolled.

2. Butt the cork directly against the isolation barrier already installed.

3. Joints should be butted together tightly and taped with duct or fiberglass mesh tape. It is not recommended that the AcoustiCORK be glued to the subfloor. **Never mechanically**

**fasten the cork to the floor as this will severely diminish the acoustical value of the cork.**

4. After completion, cork should cover the entire flooring area without gaps and with joints securely taped.

### CEMENTITIOUS BACKER UNITS "CBU"

1. Install 1/2" CBU's perpendicular directly on top of the AcoustiCORK allowing 1/4" gap between units. CBU joints should not align.

2. With the units gapped, apply 2" high strength fiber-glass tape to the bottom of each unit, so as to join the units.

3. Fill the gap joint between the two units with acrylic modified Portland cement mortar to the top of the gap joint.

4. Apply another 2" strip of high strength fiberglass tape directly over the joint making sure that a ridge does not occur at the joint due to too much cement mortar.

5. Trowel a thin coat of acrylic modified Portland cement mortar over the taped joint to ensure a smooth and flat surface for the installation of the tile.

6. At the spot where the corners of the CBUs meet, place a heavy object over the corners, as necessary, to ensure a level surface. Boxes of the tile to be installed make an excellent weight and do not require additional handling.

7. Allow a minimum of 48 hours for the CBU system to cure prior to any traffic which is essential to a sound structural system.

### CERAMIC TILE

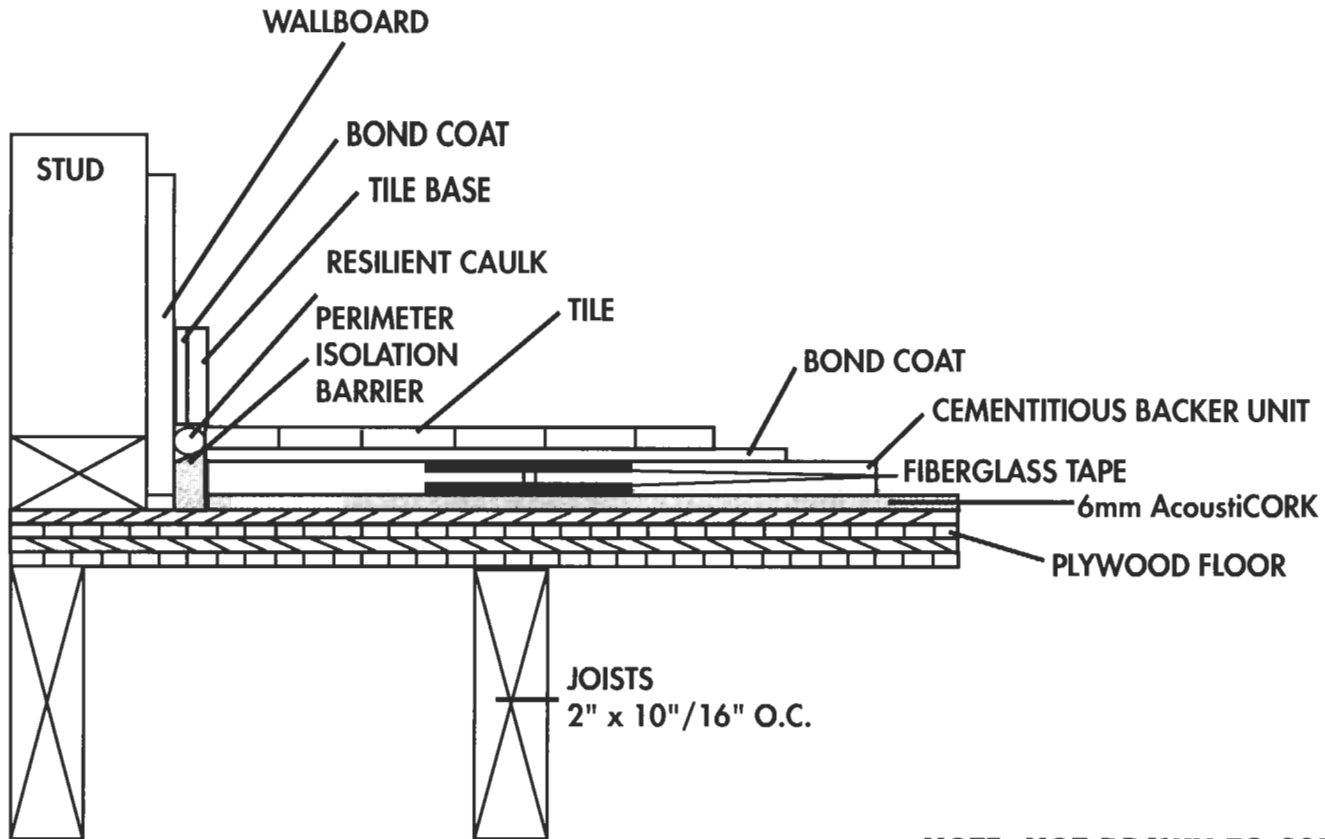
1. Follow manufacturers recommended instruction for installation of finished floor tile conforming to ANSI A108.1 A, B, C and A108.4 or A108.5 depending upon method of installation.

2. After the tile floor is installed and grouted, visually inspect and remove, where necessary, any excess mortar, bond coat or grout that is in contact with the walls or any protrusions in the floor. Failure to do so will greatly diminish the acoustical value of the system.

3. Trim the isolation barrier 1/4" below the finished floor surface prior to the caulking of the perimeter joint.

4. Caulk the trimmed areas with a bead of non-hardening acoustical sealant, flush to the finished floor. It is imperative that grout not be used to fill the trimmed area as this will act as a conductor of noise from room to room.

5. If a baseboard is used, leave a minimum 1/8" gap between the finished floor and the bottom of the baseboard. If cove base is used, a non-hardening acoustical sealant should be used to fill the grout joint between the last row of floor tile and the base.



**NOTE: NOT DRAWN TO SCALE**

**Tile Floors over 1/2" CBU's on a Wood Floor**

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 specified in the American National Standards Institute.

### **SUBFLOOR**

**1.** Subfloor should be properly sloped, structurally sound, level and clean. A good grade plywood that does not exceed deflection of  $L/360$  of span including live and dead loads should be used.

**2.** All subfloor work should be in accordance with the recommended installation procedures as published by the Tile Council of America and specified in the American National Standards Institute.

### **PERIMETER ISOLATION BARRIER**

**1.** Install a precut 3" 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 barrier **must** be installed prior to AcoustiCORK underlayment being installed.

**2.** After positioning, press the isolation barrier firmly into place at all wall or vertical partitions surrounding the perimeter areas using AcoustiCORK underlayments.

**3.** Tape the 90° intersection of the perimeter isolation barrier and the cork underlayment to prevent the gypsum concrete from seeping down and making contact with the subfloor.

**4.** Never mechanically fasten the isolation barrier with screws, nails or staples as this will severely diminish the acoustical values of the entire sound rated floor system.

**5. After the floor is installed and grouted,** trim the isolation barrier 1/4" below the finished floor surface.

**6.** Caulk the trimmed areas with a bead of non-hardening acoustical sealant flush to the finished floor.

### **ACOUSTICORK UNDERLAYMENTS**

**1.** Cut 6mm AcoustiCORK underlayment to desired length and install directly over the subfloor with crown of the rolled material down (label side down). The temporary curl of the material will easily flatten out after the material has been glued and rolled.

**2.** Butt the cork directly against the isolation barrier already installed.

**3.** Joints should be butted together tightly and taped with duct or fiberglass mesh tape. It is not recommended that the AcoustiCORK be glued to the subfloor. **Never mechanically fasten the cork to the floor as this will severely diminish the acoustical value of the cork.**

**4.** After completion, cork should cover the entire flooring area without gaps and with joints securely taped.

**5.** Cover the AcoustiCORK with either 15# felt or 4mil polyethylene film, to act as a cleavage membrane. Tape the joints of the membrane together with fiberglass mesh tape and tape the edges of the membrane tight to the wall so as to eliminate any mortar from penetrating the AcoustiCORK or the subfloor.

### **LIGHTWEIGHT CONCRETE**

**1.** Install gypsum concrete to a minimum depth of 1-1/2" over AcoustiCORK underlayment in accordance with manufacturers recommended instructions.

### **CERAMIC TILE**

**1.** Follow manufacturers recommended instruction for installation of finished floor tile conforming to ANSI A108.1 A, B, C and A108.4 or A108.5 depending upon method of installation.

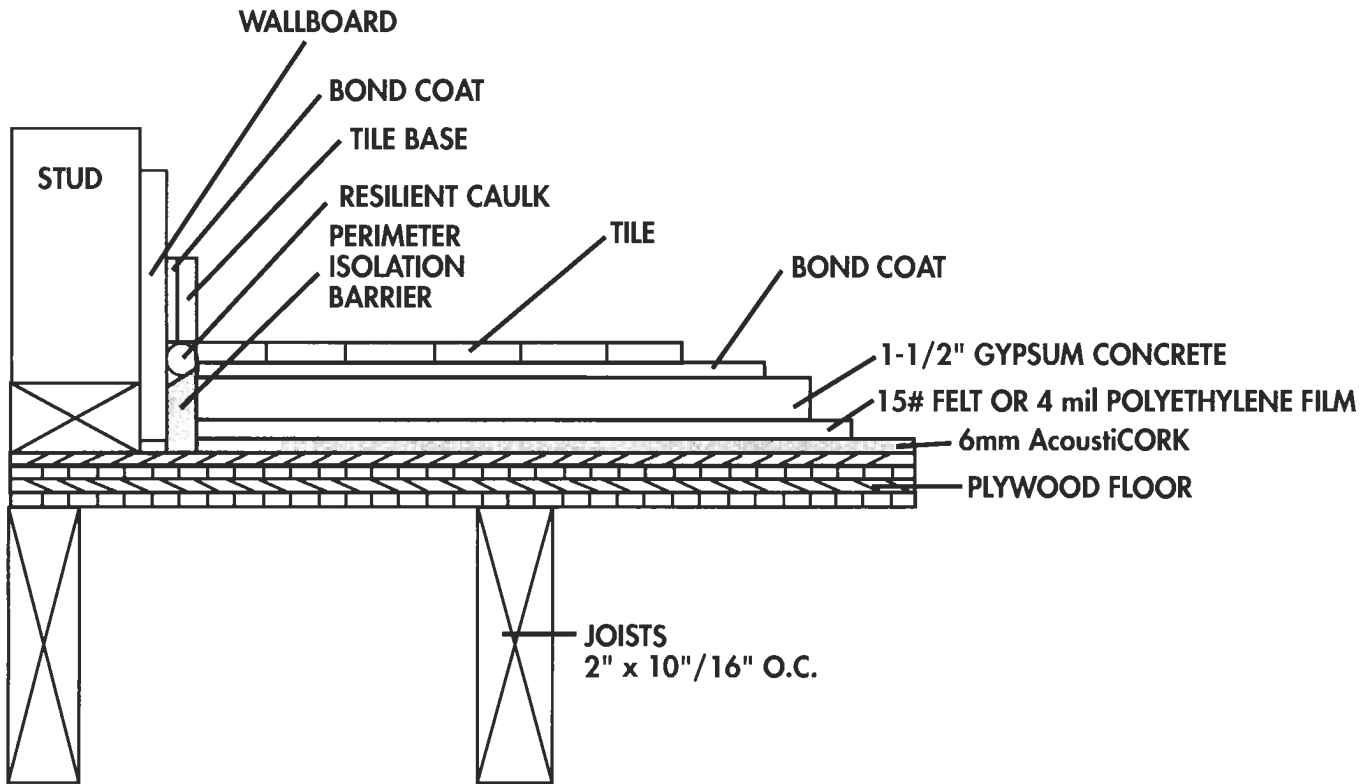
**2.** After the tile floor is installed and grouted, visually inspect and remove, where necessary, any excess mortar, bond coat or grout that is in contact with the walls or any protrusions in the floor. Failure to do so will greatly diminish the acoustical value of the system.

**3.** Trim the isolation barrier 1/4" below the finished floor surface prior to the caulking of the perimeter joint.

**4.** Caulk the trimmed areas with a bead of non-hardening acoustical sealant, flush to the finished floor. It is imperative that grout not be used to fill the trimmed area as this will act as a conductor of noise from room to room.

**5.** If a baseboard is used, leave a minimum 1/8" gap between the finished floor and the bottom of the baseboard. If cove base is used, a non-hardening acoustical sealant should be used to fill the grout joint between the last row of floor tile and the base.





**NOTE: NOT DRAWN TO SCALE**

### Tile Floors on a California Lightweight Floor





# **AcoustiCORK™ R60**

## **6mm Heated Floor System Thermal Underlayment**

**Improves Electric Heated Floor  
System Performance Over  
Cold Concrete Subfloors**

**Increases Thermal Output  
By 5 to 7 Degrees F.\***

**Reduces Warm-Up Time\*  
Up to 50% - Saves Energy**



**Provides Crack Protection**

**Recommended by Many Wire  
Heat System Manufacturers**

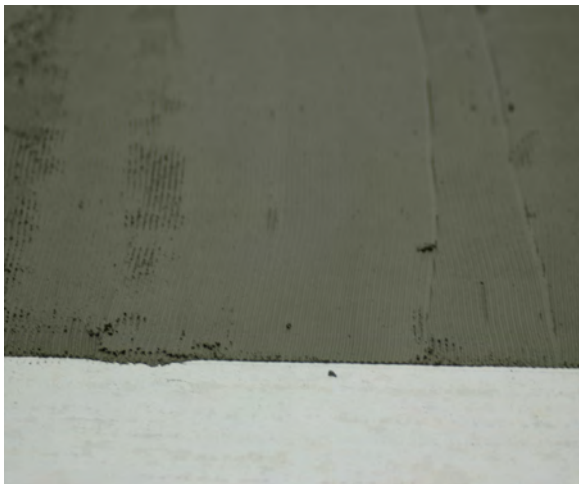


**(\* As shown in heat system manufacturer  
testing on concrete in colder climates)**

## **Basic Installation Steps**

**(Detailed Instructions Packed with Product )**

- 1. Properly Prepare the Subfloor for a Ceramic Tile Installation**
- 2. Apply Latex Modified Thin-Set Mortar (ANSI 118.4) to Subfloor**



- 3. Place the Underlayment into the Thin-Set Mortar.**
- 4. Roll with a Floor Roller or Flat Trowel to Ensure Full Contact Allow to Cure for 24 to 48 Hours**



- 5. (A) Attach Mat Type Systems Using Either; Tape, Staples or Other Recommended Fasteners. Take Care Not to Damage Wires.**

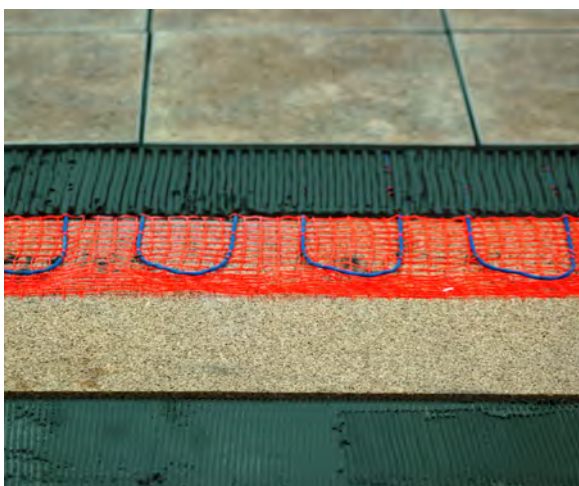


- 5. (B) Attach Free Form Type Wire Systems Using Manufacturers Recommended Fasteners. Take Care Not to Damage Wires.**



- 6. Make Electrical Connections As Per Manufacturers Specific Detailed Instructions.**

**7. Install Tile or Encapsulate the Wire System, Per Manufacturer Specific Instructions. Be Sure to Avoid Nicking or Damaging the Wires and to Perform Continuity Testing Recommended by Your Heating System Manufacturer.**



**Enjoy Improved Performance from your Heated Floor System, as well as Long-Term Energy Savings!**



**AcoustiCORK PRODUCTS**  
Amorim Cork Composites, Inc.  
(800) 558-3206  
[www.acousticorkusa.com](http://www.acousticorkusa.com)



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 specified in the American National Standards Institute.

### **SUBFLOOR**

**1.** Subfloor should be properly sloped, and structurally sound, level and clean. A good grade plywood that does not exceed deflection of L/360 of span including live and dead loads should be used.

**2.** All subfloor work should be in accordance with the recommended installation procedures as published by the Tile Council of America and specified in the American National Standards Institute.

### **PERIMETER ISOLATION BARRIER**

**1.** Install a precut 3" 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 sub-floor installation. The perimeter isolation barrier **must** be installed prior to AcoustiCORK underlayment being installed.

**2.** After positioning, press the isolation barrier firmly into place at all wall or vertical partitions surrounding the perimeter areas using AcoustiCORK underlayments.

**3.** Never mechanically fasten the isolation barrier with screws, nails or staples as this will severely diminish the acoustical values of the entire sound rated floor system.

**4. After the floor is installed and grouted,** trim the isolation barrier 1/4" below the finished floor surface.

**5.** Caulk the trimmed areas with a bead of non-hardening acoustical sealant flush to the finished floor.

### **ACOUSTICORK UNDERLAYMENTS**

**1.** Cut 6mm Acousticork underlayment to desired length and install directly over the subfloor with crown of the rolled material down (label side down). The temporary curl of the material will easily flatten out after the material has been glued and rolled.

**2.** Butt the cork directly against the isolation barrier already installed.

**3.** Joints should be butted together tightly and taped with duct or fiberglass mesh tape. It is not recommended that the Acousticork be glued to the subfloor. **Never mechanically fasten the cork to the floor as this will severely diminish the acoustical value of the cork.**

**4.** After completion, cork should cover the entire flooring area without gaps and with joints securely taped.

**5.** Cover the Acousticork with either 15# felt or 4mil polyethylene film, to act as a cleavage membrane. Tape the joints of the membrane together with fiberglass mesh tape and tape the edges of the membrane tight to the wall so as to eliminate any mortar from penetrating the AcoustiCORK or the subfloor.

### **MORTAR SETTING BED**

**1.** Install a minimum depth of 1-1/4" thick mortar setting bed in accordance with ANSI A108.1.

### **CERAMIC TILE**

**1.** Follow manufacturers recommended instruction for installation of finished floor tile conforming to ANSI A108.1 A, B, C and A108.4 or A108.5 depending upon method of installation.

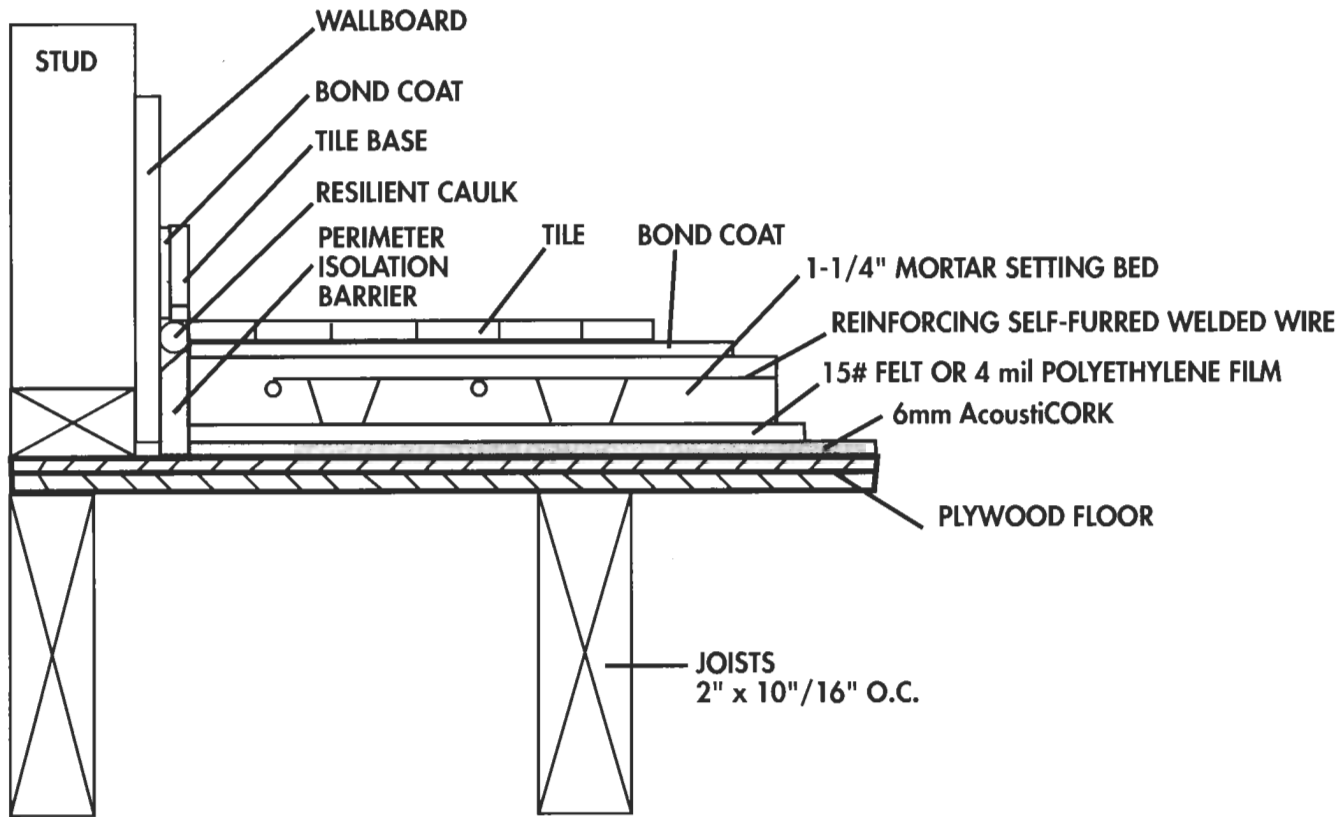
**2.** After the tile floor is installed and grouted, visually inspect and remove, where necessary, any excess mortar, bond coat or grout that is in contact with the walls or any protrusions in the floor. Failure to do so will greatly diminish the acoustical value of the system.

**3.** Trim the isolation barrier 1/4" below the finished floor surface prior to the caulking of the perimeter joint.

**4.** Caulk the trimmed areas with a bead of non-hardening acoustical sealant, flush to the finished floor. It is imperative that grout not be used to fill the trimmed area as this will act as a conductor of noise from room to room.

**5.** If a baseboard is used, leave a minimum 1/8" gap between the finished floor and the bottom of the baseboard. If cove base is used, a non-hardening acoustical sealant should be used to fill the grout joint between the last row of floor tile and the base.





**NOTE: NOT DRAWN TO SCALE**

**Tile Floors over 1-1/4" Mortar Setting Bed on a Wood Floor**

