AMORIM CORK COMPOSITES

INSTALLATION INSTRUCTIONS
Floating Wood or Laminate Flooring on a Concrete Slab Subfloor

3mm & 6mm Cork Underlayment

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 subfloors 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 residuethat may interfere with the installation of the Cork underlayment.

TESTING FOR MOISTURE

1. Test the subfloor for excessive moisture prior to the installation of the Cork underlayment.

2. If excessive moisture is present (normally >3 lbs. per 1000 s/f in 24hrs) in the subfloor, a vapor-retarding barrier must be installed to correct the problem. Consult the project architect or flooring manufacturer for details.

VAPOR RETARDING BARRIER

1. Consult the most recent NOFMA & NWFA Installation Manuals for methods and materials associated with the use of vapor retarding barriers.

3mm or 6mm Cork UNDERLAYMENT for FLOATING WOOD or LAMINATE FLOORS

1. Cut the 3mm or 6mm CORK underlayment to material to the desired length and position the material in the space to be covered.

2. Tightly Butt the cork underlayment against the wall or any fixed partition .

3. Proceed to cover the entire room, making sure the sheets are tightly butted together, without gaps. Tape the joints with duct or fiberglass mesh tape. **For this type of installation it is recommended that the product <u>not be glued</u> to the subfloor.** Never mechanically fasten the sheets to the subfloor, as this will severely diminish the acoustical value of the product.

4. After completion, the 3mm OR 6mm Cork underlayment product should cover the entire flooring area without gaps and with the joints securely taped.

FLOATING WOOD FLOOR INSTALLATION

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

2. If a baseboard or shoe molding detail is required, it is recommended to leave a minimum 1/8” gap between the finished floor and the bottom of the baseboard and any shoe moldings. This gap can then be filled with a non-hardening, color matching, paintable or clear Acoustical Grade Sealant.

AMORIM CORK COMPOSITES

INSTALLATION INSTRUCTIONS
Glued Down Hardwood Flooring on a Concrete Slab Subfloor

3mm, 6mm & 12mm Cork Underlayment

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 cork underlayment.

TESTING FOR MOISTURE

1. Test the subfloor for excessive moisture prior to the installation of Cork underlayment.

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.

CORK UNDERLAYMENT for GLUED DOWN HARDWOOD FLOORS

1. Cut the 3mm, 6mm or 6mm roll material to the desired length and position the material in the space to be covered. If you are using 6mm or 12mm 2'x3' sheets, position a few sheets in a running bond pattern.

2. Tightly butt the cork underlayment material against the wall or other fixed partition.

3. Pull the loose laid roll material back at least half the length of the cut material. Using a properly sized U or V-notched trowel (minimum 1/16") apply either a Urethane based adhesive, or the same type of wood flooring adhesive that will be used to bond the finished wood flooring to the cork underlayment product, to the subfloor. Repeat the process for the other half of the cut roll material. In the case of 2x3 sheets, apply enough adhesive to the subfloor for the first course of sheets. Embed the cork roll or sheet material into the adhesive, rolling in both directions with a 100# floor roller.

4. Proceed to cover the entire room, making sure the seams are tightly butted together, without gaps. Rolling the floor area in both directions using a 100# roller. **Never mechanically fasten the cork underlayment to the subfloor, as this will severely diminish the acoustical value of the product.**

5. After completion, the cork underlayment should cover the entire floor area without gaps and be securely bonded to the subfloor, 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, it is recommended leave a minimum 1/8" gap between the finished floor and the bottom of the shoe or baseboard. This gap can then be filled with a non-hardening, color matching, paintable or clear Acoustical Grade Sealant.

AMORIM CORK COMPOSITES

INSTALLATION INSTRUCTIONS
Nailed Hardwood Flooring on a Concrete Slab Subfloor

3mm & 6mm Cork Underlayment

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

5. 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 Cork underlayment.

TESTING FOR MOISTURE

3. Test the subfloor for excessive moisture prior to the installation of the Cork underlayment.
4. If excessive moisture is present (normally >3 lbs. per 1000 s/f in 24hrs) in the subfloor, a vapor-retarding barrier must be installed to correct the problem. Consult the project architect or flooring manufacturer for details.

VAPOR RETARDING BARRIER

1. Consult the most recent NOFMA & NWFA Installation Manuals for methods and materials associated with the use of vapor retarding barriers.

3mm & 6mm CORK UNDERLAYMENT for NAILED DOWN HARDWOOD FLOORS

1. Cut the 3 or 6mm roll material to the desired length and position the material in the space to be covered. If using 2x3 sheets cover the space in a running bond pattern. Tightly butt the Cork Underlayment to the wall or other fixed partitions.
2. Proceed to cover the entire room, making sure the sheets are tightly butted together, without gaps. Tape the joints with duct or fiberglass mesh tape. **For this type of installation it is recommended that the sheets <u>not be glued</u> to the subfloor.**
3. After completion, the Cork underlayment should cover the entire floor area without gaps and with the joints taped.

PLYWOOD SUBFLOOR (Nailing Bed)

1. Consult the most recent NOFMA or NWFA Installation Manuals for materials and methods associated with the installation of a plywood subfloor, as is commonly used with a Nailed Down Hardwood Floor applied over a radiant heated floor system. ***Generally, two layers of 3/8" or ½" plywood are loose laid on the Cork Underlayment material and cross-lapped, either perpendicularly or on the diagonal, leaving a ¼"gap at the joints. The two layers are fastened and/or adhered together using a fastener that is long enough to penetrate both layers of plywood, but not penetrate the Cork Underlayment***

NAILED DOWN WOOD FLOOR INSTALLATION

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

4. Never drive a mechanical fastening device through the plywood nailing bed and Cork Underlayment and into the subfloor. This will severely diminish the acoustical value of the system

5. If a baseboard or shoe molding detail is required it is recommended to leave a minimum 1/8" gap between the finished floor and the bottom of the baseboard or shoe. This gap must be filled with a non-hardening, color matching or clear Acoustical Grade Sealant.

AMORIM CORK COMPOSITES

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

3mm, 6mm & 12mm Cork Underlayment

The following installation instructions are presented as a recommendation but are not intended as a definitive project specification. They are presented in an attempt to be used with recommended installation procedure as published by the Tile Council of North America and as specified in the American National Standards Institute.

SUBFLOOR

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).

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

Inspect concrete subfloor for any open cracks and fill with a high-grade epoxy filler.

Remove any excess concrete lumps or residue that may interfere with the installation of the Cork underlayment.

CORK UNDERLAYMENT for DIRECT BONDED CERAMIC TILE FLOORS

1. Cut the 3mm or 6mm Cork Underlayment roll or 6 or 12mm sheeted material to the desired length and position the material in the space to be covered, starting in a corner of the room. Butt the Cork Underlayment against the perimeter wall or other fixed partition.
2. Pull the loose laid material back at least half the length of the cut roll material or remove the 2x3 sheets. Using a properly sized U or V-notched trowel (minimum 3/32") a Type I Organic Adhesive (ANSI 137.1) or 100% Polyurethane Wood Flooring adhesive. Place the Cork underlayment into the bed of adhesive applied. **(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.**) Repeat the process for the other half of the roll or the rest of the sheets, rolling in both directions with a 50 or 100# floor roller.
3. Proceed to cover the entire room, making sure the sheets are tightly butted together, without gaps. Rolling the floor area 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.**
4. After completion, the Cork 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 Mortar compliant to ANSI 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. 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.
4. 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.