

Regal

HARDWOODS

General Installation & Care Instructions for Rigidcore CLIQ

Please Read Before Installation

IMPORTANT: COMPLETELY READ AND UNDERSTAND THESE GUIDELINES BEFORE INSTALLATION BEGINS. FAILURE TO DO SO CAN/WILL RESULT IN THE FOLLOWING DAMAGE TO YOUR RESILIENT FLOOR: EXPANSION, CONTRACTION, SEPARATION, CUPPING, DISCOLORING, EARLY WEAR, DENTING, SCRATCHING, HOLLOWES, AND RELEASING FROM THE SUBFLOOR. FAILURE TO ABIDE BY THESE GUIDELINES CAN/WILL VOID ANY/ALL WARRANTIES OFFERED BY REGAL HARDWOODS.

PREPARATION BEFORE INSTALLING

WARNING

Prior to installation, please ensure that the product received is the correct style and color as well as to the customer's satisfaction. If there are any doubts, do not install the flooring and contact the retailer. Regal Hardwoods® will not be held responsible for any costs relating to the installation of unsatisfactory or incorrect product.

ACCLIMATION

Always store the boxes on a flat and level surface; never store the boxes on their sides. Heating and air conditioning should be operational and room temperature should be set between 65 °F - 85 °F (18.3 °C - 29.4 °C) for 48 hours before, during and after acclimation and installation periods.

RECOMMENDED TOOLS AND MATERIALS

- Safety glasses
- Measuring tape
- Square
- Utility knife
- Straight edge
- Spacers
- Chalk line
- Embossing leveler/floor patch (if necessary)
- Rubber mallet

SUITABLE SUBSTRATES

Regal Hardwoods Rigidcore CLIQ can be installed over many floors. All carpeting and padding need to be removed. Make sure that the surface is clean, dry, structurally sound and flat within 3/16" per 10 foot radius (4.7 mm per 3 m). Supporting floors must be rigid as too much deflection can result in a failed installation. Maximum deflection should not exceed 3/64" (1.1 mm).

Regal Hardwoods Rigidcore CLIQ should not be installed over plank floors, cushioned-backed vinyl flooring, asphalt-based floors, carpet, self-adhering plank or tile, laminate or other floating flooring or structurally-damaged concrete; concrete should be free from dust, solvents, paint, wax, grease, oil, sealing compounds or curing agents.

CONCRETE SUBSTRATES

Concrete subfloors must be inspected prior to installation and if they do not meet the following requirements, do not install flooring. Concrete shall have a minimum compressive strength of 3500 psi. Concrete subfloors must be cured for 60 days prior to installation of the flooring, and should be tested for excessive moisture. Moisture vapor emission rate should not exceed 5 lb/1000 sq. ft. (2.27 kg/92.9 sq. m)/24 hours per ASTM F1869. When using the ASTM F2170 test method, the internal relative humidity should not exceed 80%, and the pH level should be between 7 and 9.

It is recommended to use 6 mil polyethylene film or other means with equivalent permeability. Not required for wood subfloor.

WOODEN SUBSTRATES

Wood floors should be a minimum of 3/4" (19 mm) thick, APA approved grade tongue and groove plywood or 23/32" (18.25 mm) OSB, with a smooth finish, free from spring and deflection. If the wooden subfloor is not an APA approved flooring grade underlayment, a minimum of 1/4" (6.35 mm) approved wood underlayment must be adhered to the existing substrate. Make sure that the surface is clean, dry, structurally sound and flat within 3/16" per 10 foot radius (4.7 mm per 3 m). All fastener indentations and joints should be level and smooth using appropriate patching compounds. Deflection should not exceed 3/64" (1.1 mm). A 6 mil polyethylene film is not required for wood subfloor.

EXISTING RESILIENT FLOORS

When installing Regal Hardwoods Rigidcore CLIQ over existing resilient flooring, ensure that the existing sheet good or tile product is in good condition, that it was installed in the full spread glue method and is properly secured. Regal Hardwoods Rigidcore CLIQ can be installed over one layer of non-cushioned sheet good flooring. Existing tile or sheet resilient floorings should be stripped using a product that is an appropriate stripper for vinyl to remove wax or other contamination, rinsed with clear water and allowed to dry. Very smooth or high-gloss floors need to be lightly abraded to rough up the surface to allow proper adhesive bonding.

GYPSUM FLOORS

Regal Hardwoods Rigidcore CLIQ can be installed as floating floor over flooring grade gypsum subfloors when properly installed over a subfloor that is structurally sound and flat within 3/16" per 10 foot radius (4.7 mm per 3 m)

MARBLE, QUARRY TILE, TERRAZZO, CERAMIC TILE

Properly cleanse substrate using a commercial degreasing/dewaxing solution. Grind or abrade any highly polished or irregular surfaces. Fill any low areas, chips and grout joints that may telegraph through the new flooring.

RADIANT-HEATED FLOORS

Regal Hardwoods Rigidcore CLIQ can be installed over embedded radiant-heated floors provided the operating temperature never exceeds 85 °F (29.4 °C). The radiant system should be in operation for three (3) weeks prior to installation of the flooring. For 48 hours prior to and during installation, the system should be kept at 65 °F (18.3 °C). Once the installation is completed, the heat should be gradually increased by a maximum of 5 °F (2.8 °C) per day until the desired setting is reached. Do not use radiant heat systems that expose the flooring to wide variations in temperature, such as a wire induction mat system. The installation area of the flooring shall not contain heated and non-heated areas, unless expansion joints separate them. Keep in mind that loose rugs or carpets may accidentally function as heat insulators and raise the temperature to more than the tolerated maximum surface temperature of 85 °F (29.4 °C).

JOB SITE INSPECTION & PRE-INSTALLATION CHECKLIST

JOB SITE CONDITIONS/SUBSTRATE PREPARATION

- Room temperature should be no less than 65 °F (18.3 °C) for 48 hours before, during and after installation.
- Substrate should be free of dust, debris from paint, varnish, wax, oils, curing sealers, solvents and other foreign matter. Any adhesive residue from prior installations should be completely removed.
- Any looseness of the substrate should be secured.
- High spots should be levelled and low spots should be filled with a proper material (ex: Portland Patch) to ensure substrate is flat within 3/16" per 10 foot radius (4.7 mm per 3 m).
- All construction seams, expansion joints, and holes should be filled level with the surrounding surface to eliminate telegraphing of such irregularities.

Caution: If you plan to remove old resilient flooring material or any type of old adhesive, please be aware that it may contain asbestos fibers or crystalline silica; therefore, avoid creating dust. Inhalation of such dust is a cancer and respiratory tract hazard and local regulations may require professional removal. Instructions for the removal of old flooring materials and adhesives may be found in the RFCI Recommended Work Practices for Removal of Resilient Floor Coverings. You may contact the Resilient Floor Covering Institute at 706-882-3833 or www.rfci.com.

PATCHING AND LEVELING

Use only cement-based patching and leveling compounds. Check with patching and leveling compound manufacturers for curing times. Check moisture levels before starting installation to ensure moisture levels are within guidelines as outlined in the "Concrete Substrates" paragraph on page 2.

The contractor or owner is responsible for cure time, moisture content testing, and the structural integrity of any leveling or patching compound used.

EMBOSSING LEVELER

When installing over an existing resilient flooring material, an embossing leveler may be required to prevent the existing material pattern from telegraphing through the new material.

PRIOR TO INSTALLATION

- Cartons should be stored horizontally at all times.
- Protect carton corners from damage.
- Do not install cabinets or kitchen island on your floating floors.
- Inspect all planks/tiles for visible defects and damage before and during installation. Do not install damaged planks/tiles. Regal Hardwoods will not accept responsibility for claims on flooring installed with visible defects. During installation, inspect the groove area and remove any debris that may prevent proper assembly of planks/tiles.
- Regal Hardwoods Rigidcore CLIQ is production-run sensitive. Ensure that all planks/tiles you are installing come from the same production run. Regal Hardwoods cannot guarantee that any future replacement or additional installation will match the originally-installed product.
- Ensure that all boxes are of the correct product and when installing, open several boxes at a time and mix planks/tiles from different boxes for best results and overall look.
- Room temperature should be no less than 65 °F (18.3 °C) for 48 hours before, during and after installation.
- Remove all existing moldings.
- Undercut doorway moldings to the thickness of the flooring.
- Regal Hardwoods Rigidcore CLIQ is a floating floor and should never be nailed down to the substrate.
- Regal Hardwoods Rigidcore CLIQ is intended for indoor use only.
- Determine in which direction the planks/tiles will be installed. It is recommended that the flooring be installed running parallel to the longest wall.
- Carefully measure the room to determine the width of the last row of planks/tiles. If the width is less than 2" (50 mm), excluding the tongue, the width of the first row of planks/tiles will have to be cut accordingly.
- A minimum of 5/16" (8 mm) expansion space is required around the perimeter of the room and all vertical objects.

COMMERCIAL INSTALLATION

All commercial installations require approval by a Regal Hardwoods sales representative. Contact your Regal Hardwoods retailer for further details.

INSTALLATION

1. Begin laying planks/tiles from the left side of the starting wall and work to the right side. The tongue of the plank should face the starting wall.
2. Place 1/4" (6.35 mm) spacers between the short and long side of the planks/tiles and the wall. Always position one spacer between the wall and where the planks/tiles join.
3. The end joints of the planks/tiles in the first row are assembled by inserting the tongue side into the groove side of the previous plank/tile at a low angle. Gradually lower the plank/tile down flat until the end joint closes, ensuring that the planks/tiles are perfectly aligned. Install remaining full planks/tiles in the first row.
4. The last plank/tile in the first row will need to be cut. Measure the distance between the wall and the surface of the last full plank/tile. Subtract 1/4" (6.35 mm) from this measurement to allow for the spacer. If this measurement is less than 8" (20 cm), the first plank/tile in the row should be cut. The first and last plank/tile in each row should be at least 8" (20 cm) in length. Planks/tiles are cut using a sharp utility knife and a square. Score the surface of the plank/tile with the knife and snap the plank/tile at the score line.

5. The remaining piece cut off from the last plank/tile in the first row may serve as the first plank/tile in the second row provided it is at least 8" (20 cm) long. Always stagger end joints from row to row a minimum of 8" (20 cm) apart.
6. Install the long side of the first plank/tile of the second row. Place a 1/4" (6.35 mm) spacer between the wall and the short side of the plank/tile. Insert the tongue side into the groove side of the plank/tile from the previous row at a low angle and lower flat to the substrate.
7. Install the second plank/tile of the second row. Position the long side of the plank/tile with the tongue side, fully engage into the receiver of the first row of product. Lower the plank/tile with firm pressure to the floor, ensuring that the end joint is overlapping and perfectly aligned; push the end joint downward till the end of the plank/tile snaps in place. This may require the use of a rubber mallet for it to completely lock in place. Continue installing planks/tiles in the second row. It is important to make sure that the first two rows are straight and square as they can affect the entire installation.
8. Continue working from left to right, row by row. Be sure to maintain a 1/4" (6.35 mm) space around all walls and vertical objects. To maintain a random appearance, remember to offset end joints a minimum of 8" (20 cm).
9. Transition moldings are required every 65 feet (19.18 m) in any direction and at all doorways

FINISHING THE INSTALLATION

- After all planks/tiles have been installed, remove spacers from perimeter of room.
- Do not fasten any moldings through the flooring.
- Install quarter-round or baseboard molding. Molding should be of sufficient size to cover the 1/4" (6.35 mm) space and should be fastened to the wall, not to the flooring.

IMPORTANT

- Use plywood to cover the top of the flooring when moving heavy furniture or appliances into position.
- Use floor protectors under the legs of furniture and chairs.
- Heavy furnishing loads placed on the locking Rigidcore CLIQ planks can pin the product down to the substrate which may prevent the product from expanding and contracting evenly, causing side or end separation, peaking or gapping.
- Do not nail down Regal Hardwoods Rigidcore CLIQ.
- Regal Hardwoods Rigidcore CLIQ is intended for indoor use only.
- Regal Hardwoods Rigidcore CLIQ is warranted a floor covering only.
- Post-installation temperature should be maintained between -4 °F and 122 °F (-20 °C - 50 °C). Relative humidity should be maintained between 40% and 70%.

Follow the Regal Hardwoods Care and Maintenance instructions (starting on page 9) to properly care for your flooring. You may contact your Regal Hardwoods retailer for more information.

INSTALLATION ILLUSTRATIONS

HOW TO ENGAGE

- 1** Start by engaging the plank on the long side (angle-system).



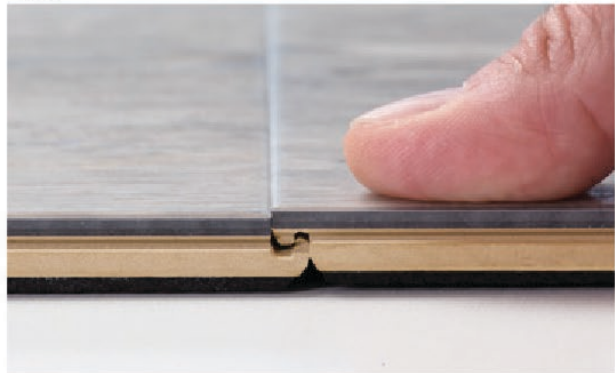
- 2** Slide the plank until it reaches the short side of the next plank and drop gently.



- 3** Press with your thumb on both ends of the short side.



- 4** Continue pressing until you hear the "click" sound of the one piece Drop Lock system



- 5** Hit gently with a soft-faced hammer on both sides of the short-end.



- 6** Planks are now fully locked.



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INSTALLATION ILLUSTRATIONS

HOW TO DISENGAGE

- 1 Always start by disengaging the long side.



- 2 Grab the planks with both hands and gently lift at the same time until the planks disengage.



- 3 Place the planks gently on the floor.



- 4 To disengage on the short side, slide the planks the opposite direction.



- 5 Press the planks gently while sliding.



- 6 Continue sliding until the planks are fully separated.



1. Always start by disengaging the long side.
2. Grab the planks with both hands and gently lift at the same time until the planks disengage.
3. Place the planks gently on the floor.
4. To disengage on the short side, slide the planks the opposite direction.
5. Press the planks gently while sliding.
6. Continue sliding until the planks are fully separated.

HOMEOWNER OBLIGATIONS

To maintain warranty coverage, the homeowner is responsible for the following:

- Keep five (5) planks/tiles of the Rigidcore CLIQ product after installation for testing purposes.
- Keep and be able to provide the original sales receipt or documentation illustrating proof of purchase and installation date of the product.
- Make sure the flooring is installed according to Regal Hardwoods Installation Instructions.
- Keep a list of cleaners used to maintain the flooring.

CARE & MAINTENANCE GUIDE

DAILY MAINTENANCE

1. Sweep, dust mop or vacuum your floor regularly to remove any particles that could cause abrasion or scratch your floor.
 - a. CAUTION: Vacuums with a beater bar or power rotary brush head can damage a floor and should never be used.
2. Use a damp mop to remove spots and soil.
3. For difficult to clean spots or stains, use Pro-Care Citrus Cleaner or a solution of mild detergent, or even a cleaner marketed and sold to be used for luxury vinyl tile flooring. Rinse thoroughly and soak up residual water completely.
 - a. CAUTION: Floor will be slippery when wet.
4. Do not use acetone, i.e., nail polish remover, or other strong solvent.
5. Do not use chlorinated solvents.
6. Do not use wax or varnish coating.
7. Do not leave any amount of liquids (water, juice, soft drinks, spills, etc.) on the floor. Clean any wet spots immediately.
8. Do not use steel wool or scouring powder which will scratch the floor.

Branded Off-the-Shelf Floor Care Products

If you choose to use a store bought product, test the product in a non-conspicuous area (i.e., closet, corner, or scrap pieces) for potential adverse side effects.

PREVENTATIVE MAINTENANCE

- Protect your floor when using a dolly for moving furniture or appliances. Protective sheets and/or plywood may be needed. Never slide or roll heavy furniture or appliances across the floor.
- Place protective pads beneath furniture legs and other heavy objects.
- Do not use rubber backed rugs.
- Minimize abrasive material and dirt by placing mats on both sides of exterior doors and by using area rugs in high-traffic areas.
- Rearrange furniture and rugs periodically to avoid uneven color and shade changes from light exposure.
- Avoid exposure to extreme sunlight. Close curtain or blinds during such times.
- Use protective mats beneath rolling chairs.
- Keep furniture casters clean.
- Use soft non-rubber wheels for office chairs.
- Keep pets' nails trimmed.
- Remove shoes with cleats, spikes or exceptionally pointy heels before walking on the floor.

CLIMATE MAINTENANCE

Care should be taken to control temperature. Extreme temperature changes may result in unacceptable thermal expansion or contraction.

FLOOR REPAIR

- Very light and small surface scratches can be repaired with a staining “touch up” pen of the appropriate color.
- Slightly deeper scratches can be repaired by means of colored putty and or stains. Fill the scratches with the putty. Level with putty knife. Wipe off excess putty.
- Very deep scratches may require the replacement of the planks.

TECHNICAL SUPPORT

For installation information and technical questions not covered in this installation guide, please contact our Technical Support Representative by calling the toll free number below.

Toll Free Number: 1-888-988-7838

Please visit our website at RegalHardwoods.com for the most up-to-date version of this document as it may have been revised and updated since this printed version.

Warranty information for PermaPlank LVT can also be found on our website at RegalHardwoods.com/support, or you may contact your retailer.