



RC104-Tempo  
RC105-Tempo LS  
RC106- Tempo Stone  
Rigid Core Luxury Plank with COREX™

## Product Guide



For more information visit: <http://www.phenixflooring.com/hard-surfaces>



# Tempo - Rigid Core Luxury Vinyl Product Warranty

5.0mm (12mil wear layer)

## Lifetime Residential Warranty

Manufacturer warrants that this 5.0mm (12mil wear layer) Rigid Core Luxury Vinyl Product will be free from manufacturing defects for a period of 1 (one) year from the date of purchase. If such defect is reported and upon validation of the defect by Manufacturer, Manufacturer will authorize repair or replacement of the affected area of installed flooring.

This section of the warranty document covers products only applied in a single-unit residential dwelling, defined as a single installation in a residential home, condominium, apartment or loft. For multiple unit installations such as multi-family housing and multi-use facilities, please refer to the *Classification for Areas of Use* section at the end of this document. The Manufacturer reserves the right to classify each installation as residential, light commercial or commercial. The Manufacturer warranties cover the cost of material for the period of the warranty and labor coverage as subject to separate terms outlined in the *Residential and Commercial Wear Warranty Period & Labor Coverage Terms* section.

### Residential Wear Warranty Provisions:

- Manufacturer will supply new material of the same color, design, and grade, if available; if unavailable or discontinued, Manufacturer reserves the right to select and supply similar Manufacturer materials. After corrective action is taken on an existing defect, you will continue to receive warranty coverage for the remaining period of the original warranty.
- One replacement floor only will be made for the wear out, fading and staining. Claimants who received settlement may not claim again and no additional replacement floors will be supplied.
- Alternatively, up to 100% of the original cost of the material will be refunded. The percentage of the original cost refundable depends on the amount of time elapsed since the date of purchase:
  - Within 1-2 years - 100%
  - Within 3-5 years - 70%
  - Year 5 until the end of specified wear warranty term – 50%

## Limited Commercial Warranty

This warranty document covers products installed and applied in commercial applications. The Manufacturer reserves the right to classify each installation as residential, light commercial or heavy commercial. For additional information regarding commercial areas of use please refer to the *Classification for Areas of Use* section at the end of this document. The Manufacturer warranties cover the cost of material for the period of the warranty and labor coverage as subject to separate terms outlined in the *Residential and Commercial Wear Warranty Period & Labor Coverage Terms* section.

### Commercial Wear Warranty Provisions:

- Manufacturer will supply new material of the same color, design, and grade, if available; if unavailable or discontinued, Manufacturer reserves the right to select and supply similar Manufacturer materials. After corrective action is taken on an existing defect, you will continue to receive warranty coverage for the remaining period of your original warranty.
- One replacement floor only will be made for the wear out, fading and staining. Claimants who received settlement may not claim again and no additional replacement floors will be supplied.
- Alternatively, a refund of up to 100% of the original cost of the material. The percentage of the original cost refundable depends on the amount of time elapsed since the date of purchase:
  - Within 1-2 years - 100%
  - Within 3-4 years - 70%
  - Year 5 – 50%



## Residential & Commercial Wear Warranty Period & Labor Coverage Terms

<u>Product</u>	<u>Residential</u>	<u>Light Commercial</u>	<u>Heavy Commercial</u>
<i>Rigid Core Luxury Vinyl 5.0mm (12mil wear layer)</i>	Lifetime	5 years	N/A

The costs of professional labor will be reimbursed within the approved labor charges put forth by Manufacturer, provided that the installation has been performed according to Manufacturer’ Installation guidelines, standard industry practices, and use of approved installation materials including but not limited to proper subfloor materials, Manufacturer recommended adhesive(s), Manufacturer recommended underlayment(s) and accessories. Labor must also be provided by a certified professional flooring installer, and will be paid according to the following schedule:

- Within the first 2 years    100% of labor for reinstall/repair
- Within years 3-4            70% of labor for reinstall / repair
- Years 5-6                    50% of labor costs for reinstall / repair
- Year 6-10                    No labor reimbursement provided

### Residential & Commercial Wear Warranty Definition

Manufacturer warrants that the installed product will not wear through to the printed film layer, stain or fade under normal use, or normal household use for *Residential* applications, for a period of time as defined within the *Residential & Commercial Wear Warranty Period & Labor Coverage Terms* section. Wear through is defined herein that the wear layer is sufficiently depleted or compromised so that the printed film layer is damaged, altered or affected from normal use, or normal household use for *Residential* applications. Stains and fading must be sufficient enough that the affected area of flooring is permanently discolored from normal use, or normal household use for *Residential* applications, and cleaning per the *Luxury Vinyl Flooring Installation & Maintenance* document.

### Residential and Commercial Warranty General Terms

Manufacturer reserves the right to inspect any floor that is deemed by the client to be defective. Removal of the flooring prior to this inspection voids this product warranty in its entirety. Manufacturer, at its discretion, will send a company representative and/or a third-party, independent inspector to the installation site to conduct the inspection. If it is deemed necessary, a comprehensive inspection, including the removal of flooring components, will be conducted to properly facilitate a full investigation.

### Residential and Commercial Warranty Limitations

- This warranty is not transferable and applies only to the original purchaser.
- Manufacturing defect must be reported within 30 days of first notice of defect in installed area.
- This warranty covers only properly installed and maintained floors, according to Manufacturer installation guidelines and accepted industry practices and does not cover flooring installed in areas not intended for solid vinyl plank or tile.
- Use of products, such as but not limited to, unapproved adhesives and cleaners not specifically designed for use with solid vinyl flooring will void warranty coverage.
- Manufacturer will not pay for the loss of time, inconvenience or other consequential or incidental damages or expenses incurred during the initial installation and the subsequent removal and/or reinstallation of affected material, including clearing any items placed over the finished flooring and affected area subsequent to the original installation.
- This warranty does not cover the exclusions indicated on the package.
- Manufacturer reserves the right of final judgment and may refuse claims in certain instances.

### Residential and Commercial Warranty Limitations Cont.

- Manufacturer reserves the right to repair any floor, provide replacement materials directly to the consumer or installer, obtain the services of a professional of choice, and / or to conduct repairs or replace flooring in a manner suitable to interests if Manufacturer and the purchaser cannot reach agreement on the cost or manner of the repair or replacement.



- For products sold as “Do-It-Yourself” products, cash and carry sales, internet sales not by the Retailer or Distributor, seconds or off-quality goods, no labor costs will be provided as part of this warranty.
- Internet sales not by the Retailer or Distributor, closeouts, items sold as seconds or other off-quality designation are not covered under this warranty.
- **Materials installed with obvious manufacturing defects are not covered.** Visual defects greater than 1cm are considered identifiable. Labor costs will not be covered when materials with visual defects greater than or equal to 1 cm are installed; replacement material only will be provided.
- Products that have not been properly acclimated according to the Manufacturer Installation Guidelines.
- Lack of maintenance or improper maintenance; dulled by soaps, detergents, harsh chemicals, dressings, one-step cleaners or wax.
- Furniture, appliances and movable fixtures should have a plastic or nylon protector at least 2” in diameter; chair casters / wheels should be a minimum of 2” in diameter and not be metal-type or narrower than 1” in width. Chair mats and protectors shall be used under office chairs including use in residential settings.
- Cuts, scratches, gouges and indentations, punctures caused by vacuum cleaner beater bars, heavy rolling loads, caster wheels, furniture and chairs without proper floor protectors, dropping of heavy objects or sharp objects, narrow wheels, metal furniture glides, etc. are not covered.
- Damage caused by burns, flooding, fires and other disasters.
- Staining or changes in color caused by dyes tracked from carpet, fertilizers, coal, tar, driveway sealers, oil drippings or other similar materials; faded or discolored by sunlight or heat generation; fading or staining caused by use of rubber mats.
- Non-rubber walk-off mats are to be used at all egress points and shall be of sufficient depth and width to capture grit, dirt and abrasive debris and allow for removal of foreign material before contact with vinyl flooring.
- Flooring issues, conditions, damage or defects caused by improper installation techniques are not covered.
- Floors not installed per Manufacturer Installation Guidelines, improper underlayment, inadequate subfloors or subfloor preparation, flooring installed against standard accepted industry practices not covered.
- Problems or damage due to excessive moisture and/or alkalinity in sub floor including discoloration or bond release of the structure of the flooring. Product structural damage from excessive exposure to water caused by flooding, plumbing and appliance leaks, water leakage from doors, windows or roof leaks. Standing water on flooring should be mopped or wet-vacuumed up immediately upon notice of the spill.
- Damage from or growth of mold and mildew caused by excessive moisture in the environment or subfloor that has been trapped under the flooring; including flooring installed outdoors or subjected to prolonged water exposure.
- Installed over unstable, unsuitable, or improperly prepared sub floors, wet/cold floor and/or radiant-heated floor in excess of 85°F.
- Different from samples or printed material in shade, color, glossing or embossing texture.

These warranties may give you specific legal rights, and you may also have other rights, which vary from state to state.

To file a claim or for other information you must contact your Retailer or Distributor. All claim documentation must be filled out in its entirety in order to be assigned a claim number and reviewed for validity.

## Classification of Areas of Use

**Residential Areas** are areas of use defined by limited number of persons occupying the living space. This includes homes, apartments, senior living apartments or suites, condominiums, dormitories, etc. These areas have limited traffic, generally static furniture, lack of rolling loads, heavy use or chemicals.

**Light Commercial Areas** are areas of use defined as environments with light to moderate foot traffic, light point loads and lack of rolling traffic. Light commercial areas also include those with no heavy chemicals, acids, greases or other such contaminants. Examples are listed at the end of this document but include interior hallways leading to residential units, elevator vestibules, vending areas, small laundry areas.

**Heavy (or Full) Commercial Areas** are areas of use with floors subjected to heavy static and dynamic loads, caster use, heavy point loads and moderate to heavy traffic. Portable furnishings with casters, rests and wheels that concentrate the weight of the appliance/equipment are very damaging to resilient flooring. This does not necessarily include environments with heavy chemicals, acids, greases (including food and cooking) or other such contaminants. Examples are listed at the end of this document but also include main entrance lobby, waste/trash areas, hallways leading to entrances or exits, stairs and landings, storage rooms and multi-use rooms used as communal or party areas.



## Commercial Area Use Designations

The listings below are offered as guidelines for use and will be used by Manufacturer to classify installations for the purposes of this product warranty. If you should have any questions about a particular installation or project, please contact your Retailer or Distributor for further information.

**LIGHT COMMERCIAL** use includes environments with light to moderate foot traffic, light point loads and lack of rolling traffic. Light commercial areas also include those with no heavy chemicals, acids, greases or other such contaminants. This includes, but is not limited to:

- Art galleries
- Banks
- Bookstores
- Boutiques
- Classrooms
- Clothing stores
- Conference Rooms
- Dining (excluding Wet Areas)
- Elevators (must use correct adhesives)
- Gift shops
- Hospitality rooms
- Hotel rooms
- Interior entrance ways
- Jewelry stores
- Lobby areas (light traffic)
- Medical Suites (non-sterile/surgical)
- Nursing Home Common Areas
- Professional offices
  - Accountants
  - Lawyers
  - Physicians
  - Dentists
  - Optometrists
- Photography studios
- Vending areas
- Waiting rooms



## INSTALLATION AND MAINTENANCE GUIDELINES

**ALWAYS CHECK <https://www.phenixflooring.com/> FOR THE LATEST INSTALLATION, WARRANTY AND MAINTENANCE INSTRUCTIONS. IT IS THE RESPONSIBILITY OF THE INSTALLER TO ENSURE THAT THE MOST CURRENT DOCUMENTS ARE USED DURING INSTALLATION OF Phenix FLOORING PRODUCTS.**

### General Guidelines

1. The space where flooring is to be installed shall be fully enclosed and the permanent HVAC system shall be operational at 65° - 80° Fahrenheit (18° to 26° Celsius) for 10 days before installation, during installation and for 10 days after installation. The temperature of the space shall be kept at a minimum of 60° Fahrenheit (13° Celsius) continually after installation. *Avoid dramatic and large temperature increases.*
2. Phenix recommends storing of the Phenix product, preparation materials and accessories onsite prior to installation to ensure the products are at equilibrium with the installation environment.
3. Phenix floating floors should be protected from direct sunlight and not exposed to direct sunlight for extended periods of time by use of blinds, drapes or suitable window coverings or be in use in areas of large amounts of direct sunlight exposure.
4. All door jambs must be undercut to allow for proper expansion of the product and a minimum of 5/16" gap shall be allowed for against any vertical surface or obstruction. Steel door jambs should be patterned scribed with the 5/16" expansion spacing taken into consideration when scribing. Use of color coordinated silicone should be used against the jamb to fill the expansion spacing and aesthetically complete the installation.
5. Do not use tapping blocks, adjustable spacers (screw type) or other tools common to hardwood and laminate flooring installation to prevent damage to the locking mechanism. A small, 6", piece of Phenix scrap flooring with the top joint tongue intact should be used as a tapping block and locked into the joint groove before tapping.
6. Phenix floating flooring is designed to be installed as a "floating" floor. Do not secure individual planks or tiles to the subfloor with mechanical fasteners or adhesives. Do not install cabinets, kitchen islands, door hardware or other non-movable objects on top of or through Phenix floating floors.
7. Use of a small, soft bristle brush to clean the joints prior to locking will ensure that there is no debris which will cause stressing or failure of the joint after interlocking the pieces together.
8. Use care when installing wall moldings and transition strips to not fasten through Phenix floating flooring planks or tiles. A spacing of .010" (.254mm) shall be kept above the floor when installing moldings over the surface of the floor.
9. Phenix planks and tiles are best cut in the following ways: guillotine-type hardwood/laminate cutter; a VCT cutter (professional grade); a sabre saw with a fine-tooth wood cutting blade; a 12" power miter saw with a shallow or negative kerf blade, similar or equal to a plastics cutting blade. If you are scoring and snapping Phenix by use of a utility knife, please note it will be necessary to score the LVT layer multiple times to ensure a good break and then shave the backing of the piece to make it smooth and even. This method may also cause the backing to crack or break off in areas close to the score line which will require using a new plank.
10. When engaging the Drop-lock mechanism on the end joints of the planks, use of a rubber mallet will be necessary. The mallet should be used approximately 1" to the right of the tongue side (top) of the FD joint to ensure proper locking. Direct pressure and pounding on the locking joint can cause stressing and breaking of the joint mechanism.





***\*\* Improper storage or acclimation of floating vinyl flooring may result in gapping or buckling of joints which are difficult to engage properly. Improper locking of the mechanism may cause one or more of the following conditions in your flooring: joints to be distressed resulting in a ‘peaked’ appearance; delamination due to ledging; separation of joints from normal environmental temperature changes; cupping or side joint failures.***

## **SUBFLOOR INFORMATION**

### **Approved Substrates**

**All substrates regardless of composition must be smooth and flat to within 3/16” (4.76mm) in 10 feet or achieve an “F32” rating by use of mechanical grinding/sanding or suitable Portland cement-based patch/level compound.**

- Above, on or below grade concrete without hydrostatic pressure, excess moisture or alkalinity; must be fully cured and dry, free from curing compounds, sealers, etc.
- Above or on grade lightweight concrete, properly prepared and without hydrostatic pressure, excess moisture or alkalinity
- Above or on grade Gypsum concrete surfaces, properly prepared and sealed, and without hydrostatic pressure, excess moisture or alkalinity
- APA registered underlayment, sanded face exterior grade with minimum rating of C-C plugged face
- APA registered exterior grade plywood sanded face with ratings as follows: APA A-B, A-C, B-B, B-C, C-C plugged face
- APA Approved / Rated OSB panels, minimum 23/32” thickness, properly installed. It is recommended to fully sand the surface of the OSB panels to ensure smooth, even seams and reduce the surface ridges on the panels. Contact Technical Support for guidelines.
- Properly prepared and well bonded existing resilient floor covering, single layer only
- Cement Terrazzo, ceramic tile, marble – must be properly prepared.
- Certain metal floors – contact Phenix Technical support for assistance.
- Old adhesive residue that has been properly prepared.
- Radiant heated floors where heat does not exceed 85°F (29°C)

The following are not approved substrates for installing Phenix flooring: Rolled or panel-type foam, rubber, cork or other compressible underlayments not recommended by Phenix Flooring; rubber, cork or asphalt tiles; textured or cushion backed resilient flooring; “Sleeper” floor systems or plywood floors that have been installed directly over a concrete slab; lauan and mahogany-type plywood panels; Masonite™ or other hardboard or fiber based underlayment; CCA (pressure treated), oil treated or other coated plywood; CDX or other plywood with knots or open defects; underlayment made of pine or other soft woods; hardwood flooring; paint, wax, oil, grease, residual adhesive, mold, mildew, and other foreign materials that might prevent floating planks and tiles from natural movement; other uneven or unstable substrates.

### **Substrate Preparation**

*Although Phenix flooring is not susceptible to damage from moisture, excessive subfloor moisture is an ideal breeding ground for mold, mildew and fungus-all of which can contribute to an unhealthy indoor*





*living environment. If excess moisture is found in the substrate proper remediation steps should be taken prior to installation.*

All substrates must be properly prepared and tested according to the following guidelines.

1. Concrete Subfloors
  - a. Concrete substrates should be properly prepared according to the latest revision of ASTM F710, *Preparing Concrete Floors to Receive Resilient Flooring*.
  - b. All concrete substrates, regardless of grade or age of slab, must be properly tested using one of the methods outlined below for warranty to apply. Acceptable test method is the ASTM F 2170 and ASTM F1869. Testing shall be conducted according to the relevant ASTM documentation and instructions of the manufacturer of the testing equipment. Consult Technical support for RH values greater than 85% or MVER 5 lbs./1,000 sqft./24 hrs.
  - c. Concrete Alkalinity / pH Test shall be conducted in accordance with ASTM standards. Acceptable level of pH in the substrate is between 7 and 10.
2. Wood Subfloors
  - a. All wood substrates should be prepared according to the latest revision of ASTM F1482 *Installation and Preparation of Panel Type Underlayments to Receive Resilient Flooring*.
  - b. Wood panel subfloor construction shall be a minimum of 1" in total thickness.
  - c. Panels designed as suitable underlayment shall be at a minimum ¼" in thickness, dimensionally stable, fully sanded face to eliminate grain texture or show through, and have a written manufacturer's warranty and installation instructions. Panels shall be installed according to manufacturer's instructions regarding stapling pattern, sanding and filling of joints, and acclimation to installed environment. Where not specified consult ASTM 1482 or the relevant document from the American Plywood Association.
3. Gypsum and Lightweight Cellular Concrete Substrates shall be per ASTM F2419 or F2471 respectively.

**Contact Phenix Technical Services at 800-609-9557 for instructions over gypsum and lightweight concrete substrates.**
4. Existing resilient flooring must be single layer only, thoroughly stripped of all wax, floor finish, dirt and other contaminants that may affect adhesive bond. Be firmly bonded to the substrate, flat and smooth with no curling edges or loose seams. Must not be of a cushion back, loose-lay, or perimeter bonded floor.
5. Adhesive residue shall be properly prepared by hand scraping, mechanical scraping or grinding be used as a primary means of removing old adhesive residue. Black cutback/asphalt adhesives shall only be scraped by hand to remove any loose patches, trowel ridges and puddles so that only a thin residue layer remains. Residues shall be properly covered using a Portland based patching compound properly mixed with the manufacturer's recommended latex/acrylic additive. Do not use chemical adhesive removers.





**WARNING!**

**DO NOT SAND, DRY SWEEP, BEADBLAST, SHOTBLAST OR USE ANY OTHER MECHANICAL MEANS TO PULVERIZE EXISTING TILE FLOORING, BACKING, LINING FELT, ASPHALTIC "CUT-BACK" OR ANY OTHER ADHESIVES. THESE PRODUCTS MAY CONTAIN ASBESTOS FIBERS AND/OR CRYSTALLINE SILICA. AVOID CREATING DUST. INHALATION OF SUCH DUST IS A CANCER AND RESPIRATORY TRACT HAZARD. SMOKING BY INDIVIDUALS EXPOSED TO ASBESTOS FIBERS GREATLY INCREASES THE RISK OF SERIOUS BODILY HARM. UNLESS POSITIVELY CERTAIN THAT THE PRODUCT IS A NON-ASBESTOS CONTAINING MATERIAL, YOU MUST PRESUME IT CONTAINS ASBESTOS. REGULATIONS MAY**

Ceramic, porcelain, marble and granite tiles are suitable and must be properly bonded with intact grout joints and free of cracks or loose tiles. Surface of tile and grout joints should be free from sealers, coatings, dirt and contaminants. Properly prepare the surface of tiles by grinding any high areas and using a suitable Portland-based leveling compound and primer to fill in all low areas.

6. For any subfloors or substrates not listed please contact Phenix Technical Services. Any surface deemed unsuitable should be covered with an approved ¼" wood underlayment or suitable Portland-based cement leveler or patching compound. Always follow the manufacturer's recommended practices when covering an existing substrate.

### **Installation and Layout**

Phenix floating flooring is designed with an angle/drop mechanism. The angle/drop flooring requires that the top or long sides be installed first by engaging the joint at a shallow angle while lining up the short side drop lock mechanism. Once the top joint is engaged, firmly press the left end (top of the drop-lock joint) down with the thumb to properly seat and align the joint. The installing plank should not be resting on the face of the adjacent plank nor should there be any gaps in between the two planks. Once properly aligned the end joint can be carefully seated with a rubber mallet while tapping approximately 1" from the end of the joint.

**NOTE: The drop lock joints cannot be 'lifted' or angled apart when removing or repositioning a plank or tile. Do remove a plank or tile, if necessary to replace an installed plank during the installation the best method is to replace the whole row. The planks can be carefully slid apart horizontally, which will require a tapping block and gentle tapping along the floor approximately 6" from the joint to get it started to move. Then you should be able to 'slide' the drop joint apart along the floor. Failure to slide this joint apart will damage the drop lock mechanism and prevent proper re-installation of the affected plank or tile.**

### **1. Layout**

- a. Install flooring perpendicular to direct sunlight sources, including large windows, doors, etc.
- b. It is important to balance the layout of the plank format. Proper planning and layout will prevent narrow piece widths at wall junctures. Determine layout to prevent planks having less than half the width or very short length pieces.
- c. A minimum of 5/16" spacing along all walls and all vertical surfaces must be allowed for when determining your starting plank width. All door jambs must be undercut and allow for the



expansion spacing; metal door frames must be scribed while maintaining the required 5/16" expansion spacing. On runs of flooring longer than 65 feet (19 meters) control joints with a suitable T-molding are recommended to be installed with a minimum of 5/16" (8mm) gap between the sides of the t-molding.

- d. For areas with varied or inconsistent temperatures from other installed areas, utilization of t-moldings between these area/rooms is recommended. A minimum of 5/16" gap is required to be allowed on either side of the installed track where moldings are used; this will allow the installed areas to freely expand and contract during the extreme temperature fluctuations.
- e. Dry lay a section of plank from the center line to one wall to determine that the pattern is centered and fit. Border cuts should be measured and should not be less than half the width of a plank. If the cut row falls under these conditions, adjust the first row at the center line to make the centerline match the centerline of the row of planks.

## 2. **Installing Phenix (Angle/Drop) flooring**

**Phenix** planks and tiles are best installed with a No.2 white rubber mallet. While not required, this will help ensure the tongue and groove are properly mated and clicked together.

- a. Accurately measure the room to determine the centerline, adjust this established line to accommodate a balanced layout and then transpose this line to a comfortable width away from the starting wall (approximately 2' to 3' wide.) Determine if the starter row will need to cut. It will be necessary to cut off the unsupported tongue so that a clean, solid edge is toward the wall.
- b. Starting in the farthest left, upper corner of the room position the first plank / tile so that both the head and side seam groove is exposed. This requires installing the product from left to right in the room.
- c. Install the second plank / tile in the first row by laying the short-end tongue onto the previously installed plank / tile short-end groove. Fasten the planks / tiles together by firmly pressing down with your thumb along the seam to vertically align the edges the planks together. Use of a soft, white No. 2 rubber mallet is recommended to fasten the tongue & groove together by tapping the surface of the installing plank approximately 1" from the edge of the joint. You will feel the planks lock together.
- d. Maintain an expansion gap of approximately 5/16" from the wall. Then cut a plank / tile in half of the length to start the second row. Install the first plank / tile in the second row by inserting the long side tongue into the groove of the plank / tile in the first row. This is best done with a low angle (20° to 30°) of the plank / tile and then angling down to lock it in.
- e. Continue the first row by laying the short-edge tongues onto the previous plank short-end groove and firmly pressing the seam down with the mallet until the planks click together as in STEP C above. Measure and cut the last plank in the row while maintaining the 5/16" spacing at the right side wall.
- f. Install the remaining planks in the second row by first aligning the long edge tongue into the groove of the previous row while making sure the short-edge tongue is laying on the short-edge groove of the previous plank.
- g. Angle the long edge tongue into the plank/tile in the row above and lock it together.
- h. Firmly tap or press the short-edge tongue into the short-edge groove of the previous plank/tile as in STEP C above. It is critical to keep these two rows straight and square, as they are the "foundation" for the rest of the installation. Check for squareness and straightness often.
- i. Use the cutoff plank from the first row to start the third row.



- j. Work across the length of the room installing rows of planks/tiles as in the first row while using the cutoffs as starter pieces. This will help in maintaining a random appearance.
- k. Use of several 5/16" spacer blocks along the first wall will ensure the proper spacing is achieved and that floor does not 'walk' back towards the wall during installation.

Continue installing plank/tiles, being certain to maintain a random appearance (planks) or the pattern (tiles) and offset end seams by at least 6". Maintain a 5/16" expansion gap at all fixed vertical surfaces. Check to be certain all planks are fully engaged; if slight gapping is noticed, simply disengage the long/top side joint and then carefully slide the short/end joint apart. Reinstall the plank.

### After Installation

1. Be sure planks are set, flat and have tight edges.
2. In the event that the LV plank / tile flooring is not the last portion of the construction project, the floor must be protected from construction traffic and damage. Utilize a reinforced fiber protective board or a heavy Kraft paper (min. 60 lbs.) and cover the floor.
3. Initial maintenance can be performed immediately after installation of the Phenix flooring. Cleaning utilizing a neutral pH cleaning solution and mop is recommended. White, green or blue abrasive pads can be used to remove heavier deposits. Rinse the floor thoroughly and allow to air dry. Do not overwater the flooring.
3. Daily and weekly maintenance by sweeping, vacuum or dust mopping the floor as needed to remove dust loose dirt and grit. In high traffic areas this may be a daily or twice daily procedure. Use only vacuums that do not have bristle beater bars or metal heads.
4. Clean liquid spills immediately to prevent the possibility of stains, slips or falls.
5. Damp mop the floor as needed to remove dirt and stains. Use a neutral pH cleaner and a white, green or blue pad if needed to remove ground in dirt. Soft white bristle brushes can also be used on flooring with embossed surfaces.
6. Preventative steps
  - a. Use mats at all entry areas to keep dirt, sand and water off of the floor. Clean the mats on a regular basis. If mats are placed directly on top of the Phenix floor, be sure the mats have a non-staining back. Rubber mats are not recommended over Phenix flooring products.
  - b. Furniture shall have protective glides of at least 1" in diameter to minimize indentations or scratching to the surface of the floor. Do not use narrow chair glides! Felt pads are also excellent protection for the floor for furniture that will be frequently moved directly across the floor.
  - c. Do not move heavy furniture, appliances or fixtures directly across the floor. Use protective boards or appropriate furniture movers designed for use over hard surface flooring.
  - d. Protect the floor from direct sunlight by using appropriate window coverings.
  - e. Areas with caster chairs must have protective mats under the chairs. Use chair mats at desks to protect the floor from damage due to chair legs or casters. Periodically clean caster wheels and check for wheels that may be broken or no longer rotating. Replace damaged wheels immediately.
  - f. Avoid use of metal or razor scrapers to remove dirt, residues or other marks from flooring. This will damage the protective wear layer of the vinyl flooring.



## Reference Documents

*The latest versions of all listed Standards, Guides and Work Practices shall be used in all cases.*

ASTM F 710	Standard Practice for preparing Concrete floors to receive resilient flooring
ASTM F 1482	Standard Practice for Installation and Preparation of Panel Type Underlayments to Receive Resilient Flooring
ASTM F1869	Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride
ASTM F 2170	Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs using In Situ Probes
ASTM F2419	Standard Practice for Installation of Thick Poured Gypsum Concrete Underlayments and Preparation of the Surface to Receive Resilient Flooring
ASTM F2471	Standard Practice for Installation of Thick Poured Lightweight Cellular Concrete Underlayments and Preparation of the Surface to Receive Resilient Flooring
ASTM F2659	Standard Guide for Preliminary Evaluation of Comparative Moisture Condition of Concrete, Gypsum Cement and Other Floor Slabs and Screeds Using a Non-Destructive Electronic Moisture Meter
ASTM F2678	Standard Practice for Preparing Panel Underlayments, Thick Poured Gypsum Concrete Underlayments, Thick Poured Lightweight Cellular Concrete Underlayments, and Concrete Subfloors with Underlayment Patching Compounds to Receive Resilient Flooring
ACI 302	Guide for Concrete Floor and Slab Construction
RFCI	Recommended Work Practices for Removal of Resilient Floor Coverings
APA	American Plywood Association
CANPLY	Canadian Plywood Association



# PHENIX

## RC104 Tempo Specification Sheet

Product Type	Corex™ Rigid Core Luxury Vinyl
Material Composition Summary	Waterproof Rigid thermoplastic extruded vinyl composite
Length	Plank: 47.75"
Width	Plank: 7"
Backing	1 mm IXPE
Total Thickness	5mm (Including 1mm IXPE backing)
Wear Layer	0.3mm (12 mil)
Edge Design	Micro Bevel
Embossing	Realistic
Acclimation Time	12HR. Between 60° & 80° F. If the box was exposed to extreme temperatures.
Installation Type	Click
Installation Area with no transitions (LF&SF)	4365 SF or 66 LF
IIC Ratings	69
Water Resistance	Yes
Approved for Basement & Full Bath Install	Yes
Residential Warranty # of Years	Limited Lifetime
Commercial Warranty # of Years	5 Light Commercial
Special Tools Needed	Spacers, Rubber Mallet, Ruler, Pencil, Tape Measure, Utility Knife
Finish	Superior Scratch Resistance Finish
Prop 65 Compliant	Yes
Phthalate Free	Yes
Greenguard Certified	Yes
<b>Box</b>	
Pieces per Box	10
Square Feet per Box	23.212
Weight per Box	39.15 lb
<b>Pallet</b>	
Boxes per Pallet	45
Square Feet per Pallet	1044.54 ft
Weight per Pallet	1806.75 lb

### Plank Colors

<b>Color #</b>	<b>Color Name</b>	<b>Color #</b>	<b>Color Name</b>
713	Cadence	824	Motion
966	Upbeat	867	Melody



# PHENIX

## RC105 Tempo LS Specification Sheet

Product Type	Corex™ Rigid Core Luxury Vinyl
Material Composition Summary	Waterproof Rigid thermoplastic extruded vinyl composite
Length	Plank: 59.75"
Width	Plank: 5"
Backing	1 mm IXPE
Total Thickness	5mm (Including 1mm IXPE backing)
Wear Layer	0.3mm (12 mil)
Edge Design	Micro Bevel
Embossing	Realistic
Acclimation Time	12HR. Between 60° & 80° F. If the box was exposed to extreme temperatures.
Installation Type	Click
Installation Area with no transitions (LF&SF)	4365 SF or 66 LF
IIC Ratings	69
Water Resistance	Yes
Approved for Basement & Full Bath Install	Yes
Residential Warranty # of Years	Limited Lifetime
Commercial Warranty # of Years	5 Light Commercial
Special Tools Needed	Spacers, Rubber Mallet, Ruler, Pencil, Tape Measure, Utility Knife
Finish	Superior Scratch Resistance Finish
Prop 65 Compliant	Yes
Phthalate Free	Yes
Greenguard Certified	Yes
<b><u>Box</u></b>	
Pieces per Box	8
Square Feet per Box	16.597
Weight per Box	28.25 lb
<b><u>Pallet</u></b>	
Boxes per Pallet	91
Square Feet per Pallet	1510.327 ft
Weight per Pallet	2615.75 lb

### Plank Colors

<b>Color #</b>	<b>Color Name</b>	<b>Color #</b>	<b>Color Name</b>
945	Seashell	122	Applewood
922	Mineral		





## RC106 Tempo Stone Specification Sheet

Product Type	Corex™ Rigid Core Luxury Vinyl
Material Composition Summary	Waterproof Rigid thermoplastic extruded vinyl composite
Length	23.75"
Width	11.75"
Backing	1 mm IXPE
Total Thickness	5mm (Including 1mm IXPE backing)
Wear Layer	0.3mm (12 mil)
Edge Design	Painted Bevel
Embossing	Realistic
Acclimation Time	12HR. Between 60° & 80° F. If the box was exposed to extreme temperatures.
Installation Type	Click
Installation Area with no transitions (LF&SF)	4365 SF or 66 LF
IIC Ratings	69
Water Resistance	Yes
Approved for Basement & Full Bath Install	Yes
Residential Warranty # of Years	Limited Lifetime
Commercial Warranty # of Years	5 Light Commercial
Special Tools Needed	Spacers, Rubber Mallet, Ruler, Pencil, Tape Measure, Utility Knife
Finish	Superior Scratch Resistance Finish
Prop 65 Compliant	Yes
Phthalate Free	Yes
Greenguard Certified	Yes
<b>Box</b>	
Pieces per Box	10
Square Feet per Box	19.379
Weight per Box	32.83 lb
<b>Pallet</b>	
Boxes per Pallet	54
Square Feet per Pallet	1046.47 ft
Weight per Pallet	1817.82 lb

### Plank Colors

Color #	Color Name	Color #	Color Name
968	Lava	158	Calcutta
922	Flagstone		

