



Project:

**Buena Park Elementary Schools
MPR Modernization Projects
Bid No. 14-2022**
Four (4) Elementary Schools
Buena Park, CA 90620 - 90621

Owner:

Buena Park School District
6885 Orangthorpe Avenue
Buena Park, CA 90620

Construction Manager:

TELACU Construction Management
604 N. Eckhoff Street
Orange, CA 92868

BID ADDENDUM 01

Revision:

April 11, 2022

Note: The following revisions and clarifications to the Bid Documents (plans and specifications) shall become a part of the Contract Documents upon award of Bid. All Bidders are required to incorporate all necessary changes, additions, or deductions into their proposals.

In case of conflict between Bid Documents and this Addendum, this Addendum shall govern. Bidder shall acknowledge receipt of this Addendum on the Bid Form as noted in the Instruction to Bidders, failure to do so may subject Bidder to disqualification.

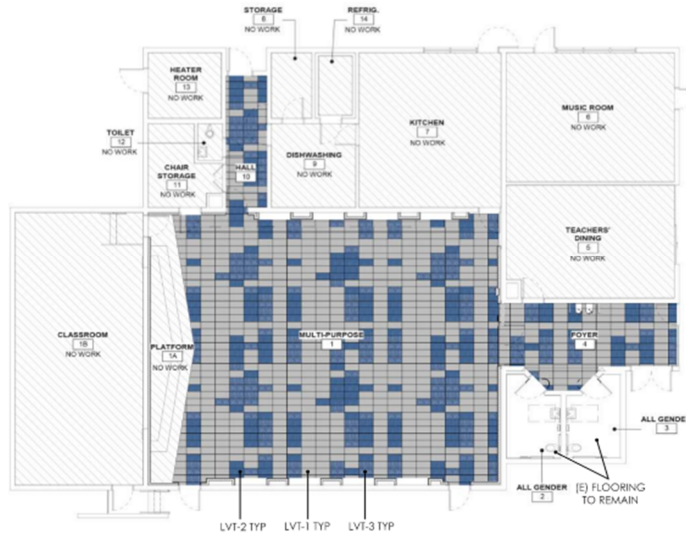
Flooring Selections:

Gilbert Elementary School:

Please base you bid on the following Flooring Selections, and the pattern shown below:

- LVT 1: Bentley Mills / HVT**
Guardian Series / Hybrid Tile
18" X 18" Commercial Rated Tile
Sentinel – 324, Floor Field
- LVT 2: Bentley Mills / HVT**
Guardian Series / Hybrid Tile
18" X 18" Commercial Rated Tile
325 / Cromwell, Floor Accent
- LVT 3: Bentley Mills / HVT**
Guardian Series / Hybrid Tile
18" X 18" Commercial Rated Tile
Churchill – 326, Floor Accent

Flooring Pattern:

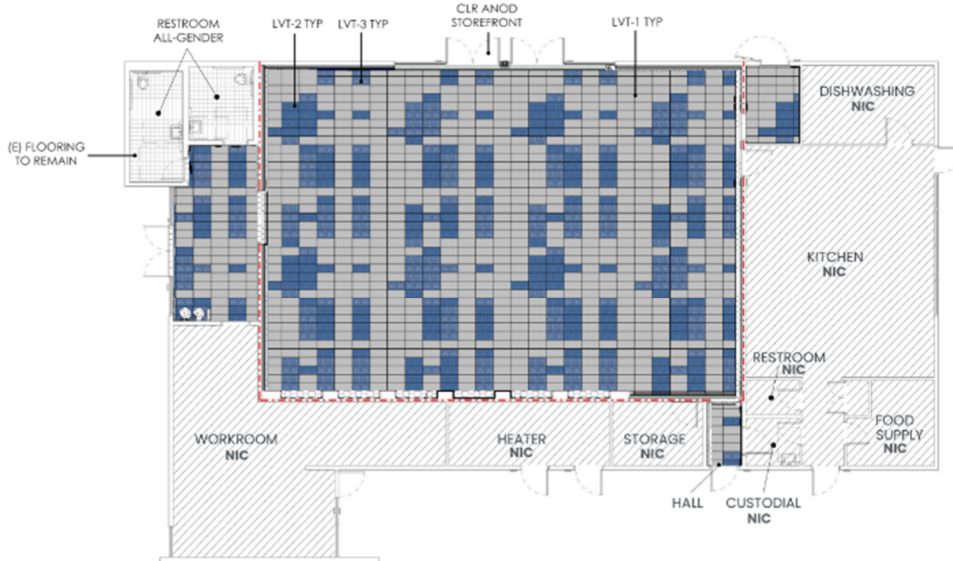


Emery Elementary School:

Please base you bid on the following Flooring Selections, and the pattern shown below:

- LVT 1: Bentley Mills / HVT**
Guardian Series / Hybrid Tile
18" X 18" Commercial Rated Tile
Sentinel – 324, Floor Field
- LVT 2: Bentley Mills / HVT**
Guardian Series / Hybrid Tile
18" X 18" Commercial Rated Tile
325 / Cromwell, Floor Accent
- LVT 3: Bentley Mills / HVT**
Guardian Series / Hybrid Tile
18" X 18" Commercial Rated Tile
Churchill – 326, Floor Accent

Flooring Pattern:



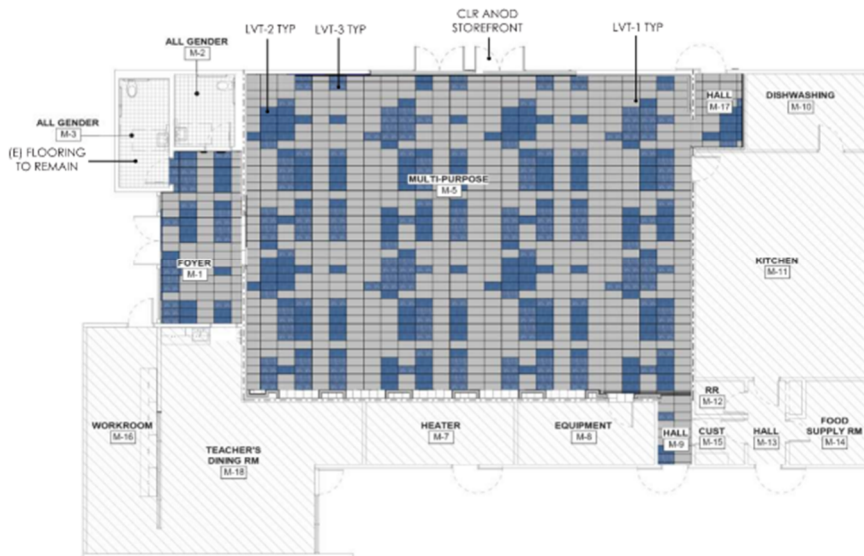


Whitaker Elementary School:

Please base you bid on the following Flooring Selections, and the pattern shown below:

- LVT 1: Bentley Mills / HVT**
Guardian Series / Hybrid Tile
18" X 18" Commercial Rated Tile
Sentinel – 324, Floor Field
- LVT 2: Bentley Mills / HVT**
Guardian Series / Hybrid Tile
18" X 18" Commercial Rated Tile
325 / Cromwell, Floor Accent
- LVT 3: Bentley Mills / HVT**
Guardian Series / Hybrid Tile
18" X 18" Commercial Rated Tile
Churchill – 326, Floor Accent

Flooring Pattern:

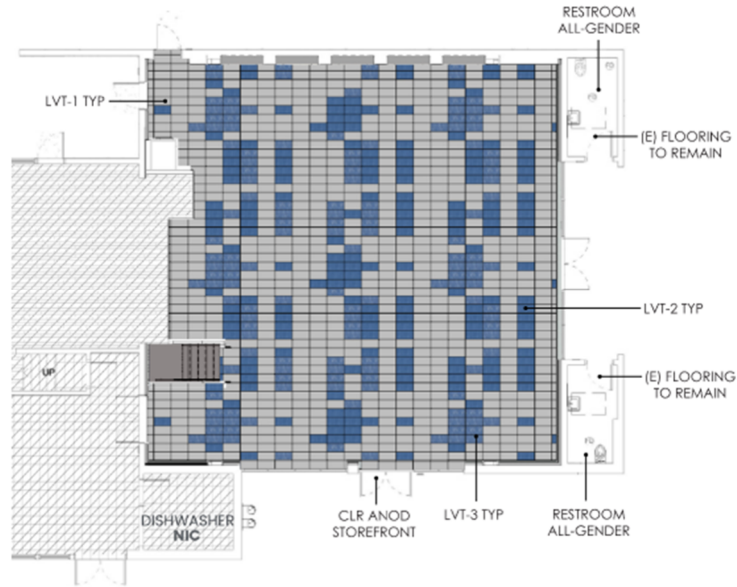


Corey Elementary School:

Please base you bid on the following Flooring Selections, and the pattern shown below:

- LVT 1: Bentley Mills / HVT**
Guardian Series / Hybrid Tile
18" X 18" Commercial Rated Tile
Sentinel – 324, Floor Field
- LVT 2: Bentley Mills / HVT**
Guardian Series / Hybrid Tile
18" X 18" Commercial Rated Tile
325 / Cromwell, Floor Accent
- LVT 3: Bentley Mills / HVT**
Guardian Series / Hybrid Tile
18" X 18" Commercial Rated Tile
Churchill – 326, Floor Accent

Flooring Pattern:



Bentley Mills / HVT

Guardian Series / Hybrid Tile
18" X 18" Commercial Rated Tile
Churchill – 326, Floor Accent

Landing Tile:

Johnsonite / Solid Vinyl Tile

Cortina Grande / The Azrock Collection
16" X 16" Tile
Grille Grey – CG510

Landing Tread and Riser:

Tarkett

RNRDTR – XX
20 – Charcoal
Raised Round Rubber Tread Riser

For pricing, lead time and product information please contact:

Ms. Edna Tran
KYA Group
E-mail Edna.Tran@thekeyagroup.com
Cell # 714.474.1477

End of Addendum

Prepared by,

Jeff Thomas
Project Manager
TELACU Construction Management



**Guardian
Series**

BENTLEY®
800.423.4709 | www.bentleymills.com

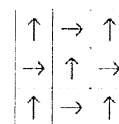
SPECIFICATIONS

Overall Thickness:	2.5mm
Wear Layer Thickness:	20mil
Edge Treatment:	Straight Edge
Texture:	Ceramic Textured Finish
Warranty:	10 Year Heavy Commercial Warranty
Adhesive:	Taylor Resolute, Taylor Dynamic are the approved adhesives
Maintenance:	Neutral Cleaner Only. No applied finishes, strippers or sealants.
Moisture Rating:	Up to 100% Rh when installed with proper adhesive.

SIZES

18" x 18" (45.72cm x 45.72cm)

INSTALLATION



Quarter Turn

LOCAL STOCK Colors Available: 320 Sherman | 321 Tiger | 324 Sentinel | 325 Cromwell | 327 Ratte | 328 Locust

TESTING

Test Item	Test Method	Results
Static Load Limit	ASTM F970	2,000psi
Squareness	ASTM F2055	Passes
Flexibility	ASTM F137	Passes
Dimensional Stability	ASTM F2199	Passes
Chemical Resistance	ASTM F925	Passes
Resistance to Light	ASTM F1515	Passes
Resistance to Heat	ASTM 1514	Passes
Fire Resistance	ASTM E648	Passes
Smoke Density	ASTM E662	Passes

MANUFACTURING

ISO 9001 Quality Management System
ISO 14001 Environmental Management System
OHSAS 18001 Occupational Health and Safety Management System

AIR QUALITY

Low VOC
Floor Score
Certification



GENERAL INFORMATION

For Pricing, Samples, Warranties, and Installation Guides, please contact us at www.bentleymills.com or call 800-423-4709



IMPORTANT CONSIDERATIONS – MUST READ

- **Materials must be acclimated in a controlled environment 72 hours prior to installation. If acclimation does not take place, there is a high probability that minor gapping will occur as a result. Acclimation is required for all resilient type flooring materials.**
- **The preferred adhesive for wood substrates is the Taylor Resolute or the CPI Victory.**
- **Please note that the adhesives are wet set and not pressure sensitive, therefore skilled labor is required**
- **Installers must be careful when handling the material. Do not drop material on its corner or it will fracture the edge and cause the corner to blossom. Over time, the corner will break off. Therefore, installers must make sure to handle the materials carefully. Broken or fractured corners will be the responsibility of the installation party.**

PRODUCT DESCRIPTION

HVT: Hybrid Vinyl Tile

An advanced tile floor designed for all environments — Education, Retail, Healthcare, Corporate and Hospitality (including heavy commercial) — installed with standard LVT adhesive (see below for Taylor Adhesive recommendations). HVT is built to last, with unique structure and designs, yielding unparalleled dimensional stability, diverse visuals, and above-average sound absorption.

PRIOR TO INSTALLATION

Inspect the Material

- Before installing HVT, check all the material for correct color, design, size and that you have the correct quantity to finish the job.
- If there are visible defects, alert Bentley Mills immediately and stop the installation.
- Complaints about material with clearly identifiable defects will not be accepted once the flooring has been laid.

Job Site Conditions and Material Handling

The HVT product is specifically designed for heavy abuse to include static and dynamic loads. A multi-layer, 2000 PSI product makes it very durable on the floor, but **sensitive to material handling.**

- The tile cartons should be removed from pallets, stored flat, and separated from one another for a minimum of 24 hours prior to installation.
- It should be kept away from direct sunlight, heaters or air vents, as part of the acclimation process.
- Be very careful not to drop tiles or cartons on it's corners. If the material has damage to the corners, it will fracture and cause premature failure. Alert CPI for any material damaged in handling, do not install and have it replaced.
- Do not use materials that have been stacked on an uneven surface, exposed to excessive moisture, tiles or boxes that have been dropped on their corners, or any other signs of damage.
- In the area in which the material will be installed, maintain all flooring material and adhesives between 65°F (19°C) and 85°F (30°C) for at least 48 hours before installation, during installation, and after installation to ensure proper product and adhesive functionality.
- At installation, the temperature of the subfloor should not be below 50°F (10°C) or over 80°F (26°C).
- The relative ambient humidity inside the room should be between 35% and 65%.
- Heat from the building's permanent heating system (NOT portable heaters) should be maintained in areas to receive flooring.
- The installation should not begin until the work of all other trades has been completed.

Sub-Floors

- Proper subfloor preparation is critical to the success of your installation and how the floor will perform. Every floor covering installation is only as good as the sub-floor over which it is installed.
- HVT is a very hard, flat material that will show subfloor irregularities if not properly prepared before installation.
- Wood subfloors may require more preparation.
- Existing glue and debris removal to include skim coat with a Portland based, feather finish application which important to a successful outcome.
- Take care to ensure that your CONCRETE substrate is properly prepared to receive the new flooring. The substrate must be smooth, flat and free from paint, dirt, drywall mud or dust, residual adhesives, nails or other fastening devices, improper underlayment, alkali deposits, mold or mildew. Extra work here will prevent bumps, ledging and other visual imperfections that despite not being product—related, may affect your customer's acceptance of your work.
- Concrete Vapor Emission and Hydrostatic Pressure Considerations: Older building, or buildings without "under slab" aggregate and plastic sheeting (5 mil vapor barrier) will require special attention regarding concrete cold joints, concrete trench repairs and concrete slabs with large cracks exceeding 1/4 inch.
- Cold joints and cracks over 1/4 inch shall be so cut and filled with UZIN #KR518 with light sand broadcast.
- Cold Joint and large crack areas are to be "crack chase" with a V notch grinder.
- Moisture content (tested with a pin-type meter) should not exceed 13%.
- Suspended wood floors are acceptable as long as there is at least 18" of well-ventilated space below the floor—and if over dirt, the surface of the ground is covered with a minimum 5 mil vapor barrier.
- Bentley Mills does not recommend installation on wood fastened directly to concrete or on wood set on sleepers.

Underlayment

- HVT is safe to install where moisture conditions approach 99% RH, utilizing Bentley Healthbond 2399, Taylor Dynamic, or CPI Alliance.
- Where moisture levels exceed 99% RH, see below for the Taylor Adhesives or CPI Victory recommendations.

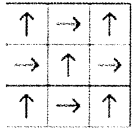
INSTALLATION

- HVT (18" square tiles) is installed just like other tile floors.

- Snap center lines N -> S and E -> W and work from the center into each quadrant, laying the tiles tight to one another. Make sure your center lines intersect at 90° angles.

Installation Methods

*Customer communication regarding layout and installation method is important to the customer's expectation and satisfaction with the appearance of the finished installation.

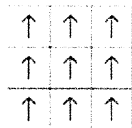


Quarter Turn

***Quarter Turn:** Material arrows alternating

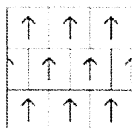
HVT installed by Quarter Turn will allow mergeable dye lots and can leave a slight checkerboard appearance due to alternating finish direction and light refraction.

- * Consider light refraction and product color when choosing a Quarter Turn installation.
- Lateral light sources and product color selection will have an effect on the appearance of quarter turn checkerboard pattern.



Monolithic

Monolithic: Material arrows running in the same direction.



Brick

Brick: Material arrows running in the same direction.

Adhesives

- Bentley recommends Bentley Healthbond 2399 Pressure Sensitive Adhesive or CPI Alliance for those installations where moisture does not exceed 99% RH. In those cases where moisture levels exceed 99% RH, use Taylor Resolute or CPI Victory, which has no moisture limitations.

For Bentley Healthbond 2399 or CPI Alliance Adhesive follow all manufacturer instructions.

- On porous substrates, expect coverage of 150—180 square feet per gallon, using a 1/16" x 1/16" x1/16" SQUARE NOTCH trowel.
- On non-porous substrates, expect coverage of 220 — 260 square feet per gallon, using a 1/16" x1/32" x1/32" U NOTCH trowel.

For Cleanup

- While product is still wet: use a damp cloth and water to remove.

- While product is still soft: use Taylor Touchdown #9 adhesive remover/stripper or an approved adhesive remover, denatured alcohol or mineral spirits. Always check compatibility on a piece of scrap flooring.

For Taylor **RESOLUTE** or CPI **Victory**, follow all manufacturer's instructions.

- Expect coverage of 220 — 260 square feet per gallon, using a 1/16" x 1/32" x 1/32" U NOTCH trowel.
- Always roll the floor with a 3-section, 100—pound roller to fully engage the tiles with the adhesive.
- When you're done, inspect your work!
- Make sure all your seams are tight and there is no adhesive residue on the surface of your new floor.

POST INSTALLATION

- If you utilize Healthbond 2399, Taylor Dynamic, or CPI Alliance adhesive, the floor is available immediately for light foot traffic, and for heavy traffic in 24 hours. Wait 48 hours for heavy rolling loads.
- If you utilize Taylor RESOLUTE or CPI Victory adhesive, the floor is available after 3 hours for light foot traffic, and for heavy traffic in 4 hours. Wait 8 hours for heavy rolling loads.
- If you use adhesives other than the recommended adhesives, wait 24 hours for light foot traffic — and 48 hours for moving furniture or appliances onto the finished floor.
- Never drag furniture or heavy items on the new floor. Use appropriate moving devices that protect the new floor.
- Protect the floor with walk-off mats (NO RUBBER BACKED mats).
- Whenever possible, use furniture glides and protectors.
- Make sure all rolling chairs have fully functional casters that are designed specifically for resilient flooring.
- HVT is suitable for installation on floors with underfloor heating systems. However, it is crucial that the underfloor heating system be turned off for 48 hours BEFORE and 48 hours AFTER installation. Once the waiting time is complete, the underfloor heat can be increased by no more than 5° per day until it reaches the maximum of 80°.

Additional Design Considerations

Accent and Feature Tiles: 328 | Locust, 401 | Vickers, 320 | Sherman, 421 | Ram.

The above colors are considered to be accent tiles and should never be installed in full-field because it creates difficulty in cleanability and maintenance.

POST-INSTALLATION MAINTENANCE

- Keep traffic to a minimum during the first 24 hours to allow the adhesive to fully cure.
- Light foot traffic is fine after 24 hours.
- Regular traffic can be resumed after 48 hours.
- Keep furniture off the floor for 24 hours so the adhesive has adequate time to cure.
- Always protect the floor when moving heavy furniture and appliances because you don't want to gouge or tear the floor.
- Wait for a minimum of 7 days following installation before any wet-wash, or scrubbing the floor.
- Clean with a neutral pH cleaner, utilizing a red or white cleaning pad, following the cleaner manufacturer's guidelines for dilution and usage ratios.
- Use the minimum amount of water on the floor to facilitate the efficacy of the cleaner.
- Rinse well with clean water and remove all excess water.
- Use of an auto-scrubber is optimal because it immediately vacuums up residual water.
- No need for stripping or waxing.
- Like any very high-quality resilient flooring material, Bentley flooring products can become slippery when wet. Allow time for the floor to dry after cleaning.
- Keep the room temperature between 65° - 85°F for at least 48 hours after installation.

REGULAR CARE

- Maintain room temperature between 55° - 85°F.
- Use blinds or curtains during peak sunlight hours.
- Prolonged exposure from direct sunlight may cause volatile temperature variations, which may discolor or damage your floor.
- Always protect the floor when moving heavy objects to prevent permanent scratches or tears.
- Use appropriately wide floor protectors under each leg of tables, chairs, and any heavy furnishing to avoid permanent damage.
- Place walk—off mats at all exterior entrances they help protect the floor from outdoor intrusion from water, grease, sand, and asphalt residue from outdoor blacktop.
- DO NOT use rubber-based mats on the new HVT floors.
- Use solvent cleaners and clean as required with a neutral pH cleaner, utilizing a red or white cleaning pad, following the cleaner manufacturer's guidelines for dilution and usage ratios.

- Use the minimum amount of water on the floor to facilitate the efficacy of the cleaner.
- Rinse well with clean water and remove all excess water.
- Use of an auto-scrubber is optimal because it immediately vacuums up residual water.
- No need for stripping or waxing.
- Avoid one-step "mop and polish" products, dishwashing liquids and oil-based cleaners.
- These may leave a residue which can attract dirt and dull the floor finish.
- Avoid cleaners that contain abrasives or solvents which may permanently damage the floor.
- All stain-forming and aggressive substances must be immediately removed from the surface.

TECHNICAL AND ENVIRONMENTAL SPECIFICATIONS

CHARACTERISTICS & TECHNICAL PERFORMANCE

	Standard	Tarkett value
Classification	-	Class III, Type B (Solid Vinyl Floor)
Total thickness	ASTM F386	0.125 " (3.18 mm)
Installation method	-	Glue-Down
Pattern	-	Cortina Grande
Pattern type	-	Allover
Format Type	-	Tile
Commercial warranty	-	10 year limited

SUSTAINABILITY, ENVIRONMENT & INDOOR AIR QUALITY

	Standard	Tarkett value
ReStart®	-	Yes
Phthalate - free	-	Phthalate-free
TVOC emission	-	≤ 10 µg / m³
Floorscore certified	-	Yes
Recycled Content - Production Waste	-	0 %
Post Consumer recycled content	-	0 %
EPD	-	Available



SOLID VINYL TILE FLOORING INSTALLATION INSTRUCTIONS

Cortina Grande[®], Cortina Grande SR,

INTRODUCTION

These instructions are written as a guide to be used by professional installers when installing Tarkett products. These instructions, combined with our adhesives and flooring products, create a system. Utilizing this system will ease the installation process and provide the customer with a completed product that will perform to its intended purpose. Always visit www.tarketta.com for the most current installation and maintenance instructions. Technical videos and tip sheets are also available. Contact Tarkett Technical Services at (800)-899-8916 ext. 9297 with any questions.

HANDLING AND STORAGE

1. All Tarkett products must be stored in an indoor, climate controlled space and be protected from the elements. Temperature must be maintained between 65°F (18.3°C) and 85°F (29.4°C) with a relative humidity between 40% and 60%.
2. All cartons must be stored on a dry, flat, level surface. Cartons must be carefully stacked squarely on top of one another and never be stored on edge. Take caution not to over stack the cartons and never double stack pallets. Always protect carton corners from damage by tow-motors and other traffic.
3. Tarkett flooring and adhesives must be site conditioned at room temperature for 48 hours prior to, during, and after installation. Room temperature must be maintained between 65°F (18.3°C) and 85°F (29.4°C) and the ambient relative humidity must be between 40% and 60%. We strongly recommend the permanent HVAC system be fully operating. **NOTE:** If a system other than the permanent HVAC source is utilized, it must provide proper control of both temperature and humidity to recommended or specific levels for the appropriate time duration as stated above.
4. Once the installation is completed, the service temperature of the space must never fall below 55°F (12.8°C).
5. In areas that are exposed to intense or direct sunlight, the product must be protected during the conditioning, installation, and adhesive curing periods, by covering the light source.
6. Tarkett products are not recommended for exterior use. Exposure to excessive UV rays can result in fading, degradation, and/or color variation.
7. The highest quality of materials and workmanship is employed in the manufacturing of Tarkett flooring and careful inspection is made before shipment. A quality installation is the responsibility of the installer. It is the installer's responsibility to verify the accuracy of the order and to ensure the materials are checked for damage, defects, and satisfactory color match. An authorized Tarkett distributor or Tarkett representative must be notified of any defects before installation proceeds. **Tarkett will not pay for labor or material costs claimed on installed materials with visual defects.**
8. Tarkett cannot accept responsibility for any loss or damage that may result due to processing or working conditions and/or workmanship outside our control.
9. Users are advised to confirm the suitability of this product by their own tests.

GENERAL SUBFLOOR PREPARATION

1. **All subfloors** must be permanently dry, clean, smooth, and structurally sound. The surface must be free of all dust, loose particles, solvents, paint, grease, oil, wax, alkali, sealing/curing compounds, old adhesive, and any other foreign material, which could affect the installation and adhesive bond to the substrate. Permanent and non-permanent markers, pens, crayons, paint, or similar marking tools used to mark the substrate or the back of the resilient flooring material will cause migratory staining. Subfloor contamination or markings that bleed through the flooring material causing discoloration or staining are excluded from the Tarkett Limited Warranty. All substrate contaminants must be mechanically removed prior to the installation of the flooring material. **NOTE: Do not use liquid solvents or adhesive removers.**

Minimum temperature of the substrate must be 60°F (15.6 °C). Substrate temperature should be a minimum of 5°F higher than the dew point temperature.

Caution: Do not use oil-based sweeping compounds.

Fill all depressions, cracks, and other surface irregularities with a good quality Portland cement based underlayment patching compound appropriate for this purpose.

Tarkett does not recommend installing over existing resilient floors. All existing flooring and adhesives must be mechanically removed prior to installing the new flooring material – **Do not use chemical adhesive removers or solvents.** Refer to the Resilient Floor Covering Institute's (RFCI), *Recommended Work Practices for Removal of Existing Resilient Flooring* for best work practices.

Caution: Some resilient flooring products and adhesives contain "asbestos fibers" and special handling of this material is required.

2. **Concrete subfloors** must be constructed as recommended by the American Concrete Institute's ACI 302.2 *Guide for Concrete Slabs that Receive Moisture-Sensitive Flooring Materials* and prepared in accordance with ASTM F 710 *Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring*.

Do not install Tarkett flooring over expansion joints, control joints, or other moving joints in the substrate. These joints must be respected and should not be filled with products that are not intended for that purpose. Contact an expansion joint cover manufacturer to meet specific flooring conditions.

All concrete subfloors must be tested for moisture and pH (alkalinity):

Moisture testing must be conducted in accordance with ASTM F 2170 *Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs Using in situ Probes* or ASTM F 1869 *Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride*. Following ASTM F 2659 *Preliminary Evaluation of Comparative Moisture Condition of Concrete, Gypsum Cement and Other Floor Slabs and Screeds Using a Non-destructive Electronic Moisture Meter* can provide qualitative information prior to performing ASTM F 2170 or ASTM F 1869.

Acceptable moisture limits can be found in the adhesive section below, on the adhesive label, and in the adhesive specifications online. Test results must not exceed the limits of the adhesive.

If the tests results exceed the limitations, the installation must not proceed until the problem has been corrected. Tarkett does not recommend or warrant any particular product or procedure for the remediation of high moisture in concrete substrates. There are several companies that manufacture products suitable for moisture remediation. We suggest you refer to the current ASTM F 710 *Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring* and ASTM F 3010 *Standard Practice for Two Component Resin Based Membrane-Forming Moisture Mitigation Systems for Use Under Resilient Flooring Systems*.

A pH test for alkalinity must be conducted. Acceptable pH range of the adhesive can be found in the adhesive section below, on the adhesive label, and in the adhesive specifications online. Results must not exceed the limits of the adhesive. If the test results are not within the acceptable range, the installation must not proceed until the problem has been corrected.

3. **Wood subfloors** must have a minimum 18" (47 cm) of cross-ventilated space between the bottom of the joist and ground. Exposed earth crawl spaces must be sealed with a polyethylene moisture barrier.

Subfloors must meet local and national building codes. Trade associations, such as the APA -The Engineered Wood Association, offer structural guidelines for meeting various code requirements. Refer to ASTM F 1482 *Standard Practice for Installation and Preparation of Panel Type Underlayments to receive Resilient Flooring* for additional information.

Single Floor Wood Construction and Tongue and Groove subfloors must be covered with 1/4" (6.4 mm) or 1/2" (13 mm) APA approved underlayment plywood. Use 1/4" (6.4 mm) thick underlayment panels for boards with a face width of 3" (76 mm) or less. For boards wider than 3" (76 mm) face width use 1/2" (13 mm) underlayment panels.

Countersink nail heads and fill depressions, joints, cracks, gouges, and chipped edges with a good quality Portland cement based patching compound designed for this purpose.

Do not install over OSB (Oriented Strand Board), particle board, chipboard, lauan or composite type underlayments.

4. **Terrazzo and Ceramic floor** surface must be thoroughly sanded to remove all glaze and waxes. Remove or replace all loose tiles and clean the grout lines. Use a good quality Portland cement based leveling compound to fill all grout lines and other depressions.
5. **Steel floor** surface must be mechanically abraded to assist with the adhesive bond. The floor must be cleaned to remove all dirt, rust and other contaminants that could affect the adhesive or the bond of the flooring material to the substrate. Surface must be primed with a rust inhibitor. It is important to follow the non-porous installation instructions when installing over metal.
6. **Concrete floors equipped with a radiant heating system:** Turn the heat down to 65°F (18.3°C) for at least 48 hours before installation. Heat may be gradually returned to operating temperature 48 hours after installation. Surface temperature must not exceed 85°F (29.4°).
7. **An adhesive bond test** must be performed using the actual flooring materials and adhesive to be installed. The test areas must be a minimum of 36" x 36" and remain in place for at least 72 hours and then evaluated for bond strength to the concrete.

INSTALLATION

1. **Adhesive Application:** See adhesive chart below and follow adhesive label instructions for proper use.
2. **Tile Installation Procedure:**
 - a. Batch numbers should not be mixed during the installation.
 - b. Square the area and establish reference points on the substrate.
 - c. Apply the adhesive to the substrate and allow proper open time. **Open and working times are dependent on the ambient temperature, humidity, substrate porosity and temperature, and air movement. It is the installer's responsibility to modify the open and working time for jobsite conditions.**
 - d. Use established reference points and install the flooring.
 - e. Lay tiles so the graining follows the same direction. The printed numbers on the back may be used as a reference.
 - f. Tiles should be lightly butted together when placing the flooring into the adhesive.
 - g. Do not force tiles together creating a ledge condition at the seams and corners. Sliding tiles will force the adhesive out between the seams.
 - h. When using 975 Two-Part Urethane or 996 Two-Part Epoxy Adhesive the installer **MUST** work off the flooring.
 - i. Periodically, lift the corner of an installed tile to ensure proper transfer of adhesive.
 - j. Roll floor in both directions with a 100 pound three-section roller. Use a small hand roller in areas that cannot be reached with a large roller.
 - k. Inspect the floor surface, especially seams, and remove any adhesive on the surface.

3. **Post Installation Floor Protection:**

We recommend that the installation of new flooring material not be performed until all the other trades have completed their work. Proper precautions must be taken during and after the installation process to avoid damage to the newly installed flooring.

- a. **Immediately after installation:**
 - » All traffic must be restricted for a minimum of 24 hours after installation. The floor may receive immediate traffic when installing with SpraySmart adhesive.
 - » All heavy traffic, rolling loads, pallet jacks, and furniture or appliance placement must be restricted for a minimum of 72 hours after installation.
 - » Flooring must be swept or vacuumed to remove loose dirt and grit prior to the application of proper floor protection. (Do not trap dirt and grit under floor protection.)
 - » Apply floor protection suitable for construction foot traffic such as: undyed heavy Kraft paper, Ram Board, 1/8" Masonite panels, or similar product designed for resilient floor protection.

b. 72 hours after installation:

- Areas that will receive heavy traffic, rolling loads, pallet jacks, and furniture or appliance placement must be protected with ¼" thick Masonite or similar wood panels.
- The floor must be swept or vacuumed prior to the placement of the floor protection panels. (Lightly damp mop if necessary)

NOTE: Do not use plastic or other non-porous materials to protect the newly installed flooring that could prevent the adhesive from drying properly.

ADHESIVE CLEAN UP

Excess adhesive should be removed during the installation process.

959™ Vinyl Tile and Plank Adhesive

901™ SpraySmart Resilient Flooring Adhesive

- Use a clean white cloth dampened with water to remove wet adhesive from floor covering and tools.
- Dried adhesive may require the use of denatured alcohol applied to a clean white cloth. (Follow manufacturer's precautions when using denatured alcohol.)

975™ Two-Part Urethane Adhesive

- Before the adhesive sets, remove excess adhesive from flooring and clean tools with denatured alcohol applied to a clean white cloth. (Follow manufacturer's precautions when using denatured alcohol.)
- Do not allow adhesive to dry on the flooring surface.
- Removing dried adhesive may cause irreparable damage to the flooring surface.

MAINTENANCE

1. Wait 72 hours after installation before performing initial cleaning.
2. A regular maintenance program must be started after the initial cleaning.
3. Refer to Tarkett's Maintenance Instructions for complete details.

ADHESIVE SELECTION CHART

Products	Adhesive	Application and Coverage		Moisture / pH Limits			Notes
		Porous	Non-Porous	RH%	CaCl ₂	pH	
Cortina Grande Cortina Grande SR GemStone Karim Colors Karim Shapes	959 Vinyl Tile and Plank Adhesive	1/16 x 1/16 x 1/16 V 150 – 175 sq. ft. per gallon	1/32 x 1/16 x 1/32 U 250 – 300 sq. ft. per gallon	90%	8 lbs.	10	The 959 adhesive is sensitive to substrate porosity. Determine substrate porosity and follow the adhesive label instructions regarding porous and non-porous substrate drying times prior to the installation.
Cortina Grande Cortina Grande SR GemStone Karim Colors Karim Shapes	975 Two-Part Urethane Adhesive	1/32 x 1/16 x 1/32 U 225 – 250 sq. ft. per gallon	1/32 x 1/16 x 1/32 U 225 – 250 sq. ft. per gallon	90%	8 lbs.	9	For application in areas subject to heavy point loads, rolling loads, topical moisture, or temperature extremes such as adjacent to grocery store freezers & refrigerators.
Cortina Grande Cortina Grande SR GemStone Karim Colors Karim Shapes	901 SpraySmart Resilient Flooring Adhesive	160 sq. ft. per can 960 sq. ft. per carton	160 sq. ft. per can 960 sq. ft. per carton	90%	8 lbs	10	The SpraySmart Adhesive System is unique; instructions on can must be followed. Contact Tarkett Technical Department prior to use for training.

Tarkett North America

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SOLID VINYL TILE MAINTENANCE INSTRUCTIONS

Cortina Grande® and Cortina Grande SR®,
Gemstone™, Karim Kolors, and Karim Shapes

INTRODUCTION

These instructions are written as a guide to be used by professionals for the proper care and maintenance of the floor. Utilizing these guidelines, with the cleaning products listed below, will ease the maintenance process and provide the customer with a product that will perform to its intended purpose. Always visit www.tarketta.com for the most current installation and maintenance instructions. Technical videos and tip sheets are also available. Contact Tarkett Technical Services at (800)-899-8916 ext. 9297 with any questions.

POST INSTALLATION / INITIAL CLEANING

Job site conditions will cause grit and dirt to accumulate. Initial cleaning must not be performed until 72 hours after installation. However, it is necessary the floor be swept and protected until maintenance begins.

1. Thoroughly sweep or vacuum the flooring to remove all loose dirt and grit.
2. Prepare a cleaning solution using one of the recommended pH neutral cleaners identified on the reference chart below.
3. The dilution ratio depends on light to heavy soil conditions. Follow the manufacturer's label instructions.
4. Damp mop the cleaning solution onto the floor with a nylon or rayon mop, or pump type sprayer. Apply only enough solution to keep the pad lubricated. **DO NOT FLOOD THE FLOOR.**
5. Let the cleaning solution dwell for 5 to 15 minutes (dwell time is based on soil conditions of the floor). **DO NOT ALLOW THE SOLUTION TO DRY.**
6. Scrub the flooring using a single disc rotary machine (175 – 350 RPM) equipped with a 3M 5300 blue pad or equivalent. In small areas, use a deck brush attached to a handle. **DO NOT USE BROWN OR BLACK PADS.**

NOTE: A 22 to 28 gauge nylon bristle brush must be used on slip resistant tiles ("SR").

7. Remove the cleaning solution using a wet vacuum or a mop.
8. Rinse the floor thoroughly with clean water.
9. Allow the flooring to dry completely.
NOTE: The cleaning process may need to be repeated on heavily soiled floors.
10. Apply two to three coats of a recommended floor finish according to the manufacturer's label instructions. Apply additional coats as recommended or required.
NOTE: In areas with heavy traffic or with consistent chair/desk sliding such as classrooms, corridors, and cafeterias, an additional coat of floor finish should be applied.
11. Allow the floor finish to dry completely between coats.
12. Restrict all traffic until the floor finish has dried completely.

PREVENTIVE CARE

1. An effective barrier matting system should be installed at all entrances to reduce cleaning costs and extend the life of the floor.
2. Protect the flooring from damage by using good quality protective glides and casters for chairs, tables, and other furniture using products designed for resilient floors. Caster or wheel damage, in work stations or similar environments, can be avoided with the use of chair pads.
3. Do NOT use steel wool, strong solvents (gasoline, turpentine, and acetone), or all-purpose cleaners (Lestoil, Top Job, etc. and similar products).
4. Do NOT use sweeping compounds or mops treated with petroleum solvents, silicone compounds or loose abrasives that damage the flooring.
5. Do NOT use disinfectant cleaners and insecticide sprays containing oil or solvents that may settle on the floor in sufficient quantity to discolor, cause slipperiness, and harm the flooring.

ROUTINE / DAILY CLEANING

It is very important to clean the flooring at a frequency consistent with the amount and type of traffic and soil conditions. Daily cleaning is recommended.

1. Thoroughly sweep or vacuum the flooring to remove all loose dirt and grit.
2. Prepare a cleaning solution using one of the recommended pH neutral cleaners identified on the reference chart below.
3. The dilution ratio depends on light to heavy soil conditions. Follow the manufacturer's label instructions.
4. Damp mop the cleaning solution onto the floor with a nylon or rayon mop, or utilize an auto scrubber equipped with a 3M 5100 red pad or equivalent. Check the manufacturer's label instructions for proper use. **DO NOT FLOOD THE FLOOR.**
5. Allow the flooring to dry completely.
6. Remove minor stains and scuffs in conjunction with the damp mopping. Use a white or red pad if required.

PERIODIC / DEEP CLEANING

When Routine / Daily Cleaning no longer provides adequate results, a more aggressive deep cleaning is required to thoroughly clean the floor.

1. Thoroughly sweep or vacuum the flooring to remove all loose dirt and grit.
2. Prepare a cleaning solution using one of the recommended pH neutral cleaners identified on the reference chart below.
3. The dilution ratio depends on light to heavy soil conditions. Follow the manufacturer's label instructions.
4. Apply the cleaning solution with a nylon or rayon mop, or pump type sprayer. **DO NOT FLOOD THE FLOOR.**
5. Let the cleaning solution dwell for 5 to 15 minutes (dwell time is based on soil conditions of the floor). **DO NOT ALLOW THE SOLUTION TO DRY.**
6. Scrub the flooring using a single disc rotary machine (175 – 350 RPM) equipped with a 3M 5100 red pad or equivalent. In small areas, use a deck brush attached to a handle. **DO NOT USE BROWN OR BLACK PADS.**
NOTE: A 22 to 28 gauge nylon bristle brush must be used on slip resistant tiles ("SR").
7. Remove the cleaning solution using a wet vacuum or a mop.
8. Rinse the floor thoroughly with clean water.
9. Allow the flooring to dry completely.
NOTE: The cleaning process may need to be repeated on heavily soiled floors.

FLOOR FINISH RESTORATIVE PROCEDURE

When the floors gloss level appears worn or uneven due to traffic the floor finish can be removed and reapplied to restore the floors appearance.

Floor Finish Removal:

1. Thoroughly sweep or vacuum the flooring to remove all loose dirt and grit.
2. Prepare a stripping solution using one of the recommended strippers identified on the reference chart below. Follow the manufacturer's label instructions for proper mixing ratios and use.
3. Apply the stripping solution with a nylon or rayon mop, or pump type sprayer. **DO NOT FLOOD THE FLOOR.**
4. Let the stripping solution dwell for 5 to 15 minutes. **DO NOT ALLOW THE SOLUTION TO DRY.**
5. Scrub the floor using a single-disc rotary machine (175-350 RPM)

equipped with a 3M 5300 blue pad or equivalent. **DO NOT USE BROWN OR BLACK PADS.**

NOTE: A 22 to 28 gauge nylon bristle brush must be used on slip resistant tiles ("SR").

6. Remove the stripping solution with a wet vacuum or a mop.
7. Thoroughly rinse the floor and allow it to dry completely.
8. Repeat the stripping process if necessary.
9. Apply the new floor finish as outlined below.

Application of floor finish:

1. Perform a stripping procedure as outlined above in Floor Finish Removal.
2. Select a floor finish suitable for use on resilient flooring. Refer to the maintenance product reference chart below.
3. Apply the floor finish to the floor according to the manufacturer's label instructions.

4. Apply three to five coats of finish. Apply additional coats as recommended or required.

5. The floor finish must dry completely between coats.

6. Restrict all traffic until the floor finish has dried completely.

OPTIONAL Floor Finish Restorative Procedures

In lieu of stripping and reapplication, to reduce the cost of chemicals and manpower, the following options can be utilized.

Scrub and Re-coat: This procedure will remove 1 to 2 coats of existing floor finish, therefore 4 to 5 coats of floor finish must have been previously applied.

1. Thoroughly sweep or vacuum the flooring to remove all loose dirt and grit.
2. Prepare a cleaning solution using one of the recommended pH neutral cleaners identified on the reference chart below.
3. Follow the manufacturer's label instructions for proper mixing ratio.
4. Apply the cleaning solution with a nylon or rayon mop, or pump type sprayer. **DO NOT FLOOD THE FLOOR.**
5. Let the cleaning solution dwell for 5 to 15 minutes. **DO NOT ALLOW THE SOLUTION TO DRY.**
6. Scrub the floor using a single-disc rotary machine (175-350 RPM)

equipped with a 3M 5300 blue pad or equivalent. **DO NOT USE BROWN OR BLACK PADS.**

NOTE: A 22 to 28 gauge nylon bristle brush must be used on slip resistant tiles ("SR").

7. Remove the cleaning solution with a wet vacuum or a mop.
8. Thoroughly rinse the floor and allow it to dry completely.
9. Apply 2 coats of new floor finish according to the manufacturer's label instructions
10. The floor finish must dry completely between coats.
11. Restrict all traffic until the floor finish has dried completely.

Spray Buffing:

1. Floor must be clean prior to buffing.
2. Apply the spray buffing solution to workable areas with a spray bottle.
3. Buff the floor using a single disc, slow speed, rotary machine (175 -

350 RPM) equipped with a 3M 4100 white buffing pad or equivalent.

4. Continue procedure until desired level of gloss has been achieved

Burnishing:

1. Floor must be clean prior to buffing.
2. Burnish the floor using a single disc, high speed, rotary machine (1500 - 2000 RPM) equipped with a 3M 3200 high speed burnishing pad or equivalent.

3. Continue procedure until desired level of gloss has been achieved.
NOTE: BURNISHING NEEDS SPECIAL CARE TO AVOID DAMAGES.

Maintenance Product Reference Chart

NOTE: Always follow the manufactures label for proper mixing ratios and use.

	Initial Cleaning	Daily Cleaning	Deep Cleaning	Finish	Stripper
Buckeye www.buckeyeinternational.com 1-800-321-2583	Straight Up	Crossroads	Crossroads	LiquiMax	Juggernaut
				Lucent	
Diversey www.diversey.com 1-800-558-2332	Profi	Profi	Profi	Signature	Bravo 1500+
	GP Forward	GP Forward	GP Forward	Complete	
	Prominence	Prominence	Prominence	High Mileage	
Certified Green Products		Stride	Stride	Aquaria	Pro Strip SC
Hillyard www.hillyard.com 1-800-365-1555	Super Shine All	Renovator	Renovator	Super Hil-Brite	Arsenal
				One Plus	
Spartan Chemical www.spartanchemical.com 1-800-537-8990	Tribase	Tribase	Tribase	White Sun	Step Down
		Damp Mop	Damp Mop	The Fixx	Endura Strip
Certified Green Products	Green Solutions Industrial Cleaner	Green Solutions All Purpose Cleaner	Green Solutions All Purpose Cleaner	FloorFront	Green Solutions Floor Finish Remover
XL North www.xlnorth.com 1-888-530-2259	XL APC All Purpose Cleaner	XL APC All Purpose Cleaner	XL APC All Purpose Cleaner	XL 25	XL FS
				XL 18	
				XL UF	
				XL Matte	

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Limited Warranty

Tarkett Warranty Overview

Tarkett is pleased to offer the world's most-integrated, high-performance flooring system, bringing together design, function and safety; leading to enhanced productivity in high-performance environments. All Tarkett products are warranted against manufacturers' defects to ensure high standards of quality, performance and aesthetics.

Limited Warranty Information

Section 1: Rubber Sheet Flooring

Limited 5-Year Commercial Warranty for Manufacturing Defects: Tarkett warrants from the date of purchase for a period of five (5) years of Commercial use that rubber sheet flooring products conform to written specifications and are free of manufacturing defects, subject to the terms and conditions specified herein.

The customer must notify Tarkett of any obvious visual defects prior to installation; otherwise this warranty will not apply. If the defect is found and Tarkett is notified in writing prior to installation, Tarkett will replace any defective product, at no charge. If the customer believes the product to be defective after installation, the customer must promptly notify Tarkett and permit an inspection of the product. If, upon inspection, Tarkett determines that the product is defective, Tarkett will replace or repair the defective product at its own cost, subject to the limitations in this warranty, and prorated as follows: Material and 100% Reasonable Labor Costs (Year 1); Material and 50% Reasonable Labor Costs (Year 2); and Material Only (Years 3-5).

Tarkett warrants that the products will not wear through for the warranty period of five (5) years of Commercial use. For claims based on wear-through, the customer must notify Tarkett and permit an inspection of the flooring. If Tarkett determines that the original flooring is worn through, Tarkett will replace or repair the worn flooring at its own cost; however, labor costs will be the customer's responsibility except as provided on the prorated basis described in the prior paragraph.

SECTION	PRODUCT TYPE	TARKETT BRAND PRODUCT LINES
1	Rubber Sheet Flooring	Replay® Rolls
2	Compression Molded Rubber Tile	Circulinity™; CorkTones™; Defiant™; ColorSplash™; MicroTone™; Mesto Configurations™; Minerality™; Organics™; Prima® Olio® and Marbleized™; Replay® Tiles; Solid Color Rubber Tile; Tactile Walking Surface Indicators; Terra-Turf®; Triumph and Inertia™
3	Stairwell Management	Rubber or Vinyl Stair Treads, Nosings, Risers, Stringers; Tactile Warning Surface and Safe-T-First®
4	Finishing Borders (Wall Base) Finishing Accessories	BaseWorks®; Masquerade®; Millwork®; Perceptions®; TightLock®; Traditional Rubber or Vinyl; Safe-T-First®; Vent Cove; and Transitions
5	Vinyl Sheet and Tile Flooring	A: iQ™ Optima®; iQ™ Granit™; iQ™ Granit™ Micro; iQ™ Granit™ SD; iQ™ Toro SC; Granit™ Safe-T B: Acczent® C: Aria™; Melodia™; Performa™; Training®; iQ™ Optima® Acoustiflor® D: Standard Plus
6	Vinyl Composition Tile and Plank	A: Vinyl Composition Tile (VCT): Tarkett B: Vinyl Enhanced Tile (VET): Azterra™; Color Essence™ Solid Vinyl Tile (SVT): Cortina Grande™
7	Linoleum Sheet Flooring	LinoFloor xf2™; LinoFloor Acoustiflor xf2™ and LinoWall xf2™
8	Luxury/Solid Vinyl Tile and Plank	A: Adapt™; iD Inspiration™55; iD Principle; Resolve; Transcend™ SureSet™ and iD Mixonomi B: Event; iD Inspiration™70; iD Latitude + Techtonic™ and Victory® C: Contour + Techtonic™; Collections Infinies
9	Luxury Tile and Plank (Light Commercial)	Transcend™ Click
10	Underlayment	SureStart™ Underlayment; Tarkolay Underlayment



Section 2: Compression Molded Rubber Tile

Limited 5-Year Commercial Warranty for Manufacturing Defects: Tarkett warrants from the date of purchase for a period of five (5) years of Commercial use that molded rubber tile flooring products conform to written specifications and are free of manufacturing defects, subject to the terms and conditions specified herein.

The customer must notify Tarkett of any obvious visual defects prior to installation; otherwise this warranty will not apply. If the defect is found and Tarkett is notified in writing prior to installation, Tarkett will replace any defective product, at no charge. If the customer believes the product to be defective after installation, the customer must promptly notify Tarkett and permit an inspection of the product. If, upon inspection, Tarkett determines that the product is defective, Tarkett will replace or repair the defective product at its own cost, subject to the limitations in this warranty, and prorated as follows: Material and 100% Reasonable Labor Costs (Year 1); Material and 50% Reasonable Labor Costs (Year 2); and Material Only (Years 3-5).

Tarkett warrants that the products will not wear through for the warranty period of five (5) years of Commercial use. For claims based on wear-through, the customer must notify Tarkett and permit an inspection of the flooring. If Tarkett determines that the original flooring is worn through, Tarkett will replace or repair the worn flooring at its own cost; however, labor costs will be the customer's responsibility except as provided on the prorated basis described in the prior paragraph.

Section 3: Rubber or Vinyl Stair Treads

Limited 5-Year Commercial Warranty for Manufacturing Defects: Tarkett warrants from the date of purchase for a period of five (5) years of Commercial use that rubber or vinyl stair tread products conform to written specifications and are free of manufacturing defects, subject to the terms and conditions specified herein.

The customer must notify Tarkett of any obvious visual defects prior to installation; otherwise this warranty will not apply. If the defect is found and Tarkett is notified in writing prior to installation, Tarkett will replace any defective product, at no charge. If the customer believes the product to be defective after installation, the customer must promptly notify Tarkett and permit an inspection of the product. If, upon inspection, Tarkett determines that the product is defective, Tarkett will replace or repair the defective product at its own cost, subject to the limitations in this warranty, and prorated as follows: Material and 100% Reasonable Labor Costs (Year 1); Material and 50% Reasonable Labor Costs (Year 2); and Material Only (Years 3-5).

Section 4: Finishing Borders (Wall Base & Accessories)

Limited 2-Year Commercial Warranty for Manufacturing Defects: Tarkett warrants from the date of purchase for a period of two (2) years of Commercial use that rubber or vinyl wall base and/or accessory products conform to written specifications and are free of manufacturing defects, subject to the terms and conditions specified herein.

The customer must notify Tarkett of any obvious visual defects prior to installation; otherwise this warranty will not apply. If the defect is found and Tarkett is notified in writing prior to installation, Tarkett will replace any defective product, at no charge. If the customer believes the product to be defective after installation, the customer must promptly notify Tarkett and permit an inspection of the product. If, upon inspection, Tarkett determines that the product is defective, Tarkett will replace or repair the defective product at its own cost, subject to the limitations in this warranty, and prorated as follows: Material and 100% Reasonable Labor Costs (Year 1); Material and 50% Reasonable Labor Costs (Year 2).

Section 5A: Vinyl Sheet and Tile Flooring

Limited 20-Year Commercial Warranty for Manufacturing Defects: Tarkett warrants from the date of purchase for a period of twenty (20) years of Commercial use that vinyl sheet and/or tile flooring products conform to written specifications and are free of manufacturing defects, subject to the terms and conditions specified herein.

The customer must notify Tarkett of any obvious visual defects prior to installation; otherwise this warranty will not apply. If the defect is found and Tarkett is notified in writing prior to installation, Tarkett will replace any defective product, at no charge. If the customer believes the product to be defective after installation, the customer must promptly notify Tarkett and permit an inspection of the product. If, upon inspection, Tarkett determines that the product is defective, Tarkett will replace or repair the defective product at its own cost, subject to the limitations in this warranty, and prorated as follows: Material and 100% Reasonable Labor Costs (Year 1); Material and 50% Reasonable Labor Costs (Year 2-3); Material and 25% Reasonable Labor Costs (Year 4-5); Material Only (Years 6-10); 50% Material Only (Years 11-15); and 25% Material Only (Years 16-20).

Tarkett warrants that the products will not wear through for the warranty period of twenty (20) years of Commercial use. For claims based on wear-through, the customer must notify Tarkett and permit an inspection of the flooring. If Tarkett determines that the original flooring is worn through, Tarkett will replace or repair the worn flooring at its own cost; however, labor costs will be the customer's responsibility except as provided on the prorated basis described in the prior paragraph.

Section 5B: Vinyl Sheet and Tile Flooring

Limited 15-Year Commercial Warranty for Manufacturing Defects: Tarkett warrants from the date of purchase for a period of fifteen (15) years of Commercial use that vinyl sheet flooring products conform to written specifications and are free of manufacturing defects, subject to the terms and conditions specified herein.

The customer must notify Tarkett of any obvious visual defects prior to installation; otherwise this warranty will not apply. If the

defect is found and Tarkett is notified in writing prior to installation, Tarkett will replace any defective product, at no charge. If the customer believes the product to be defective after installation, the customer must promptly notify Tarkett and permit an inspection of the product. If, upon inspection, Tarkett determines that the product is defective, Tarkett will replace or repair the defective product at its own cost, subject to the limitations in this warranty, and prorated as follows: Material and 100% Reasonable Labor Costs (Year 1); Material and 50% Reasonable Labor Costs (Year 2-3); Material Only (Years 4-10); 50% Material Only (Years 11-15).

Tarkett warrants that the products will not wear through for the warranty period of fifteen (15) years of Commercial use. For claims based on wear-through, the customer must notify Tarkett and permit an inspection of the flooring. If Tarkett determines that the original flooring is worn through, Tarkett will replace or repair the worn flooring at its own cost; however, labor costs will be the customer's responsibility except as provided on the prorated basis described in the prior paragraph.

Section 5C: Vinyl Sheet and Tile Flooring

Limited 10-Year Commercial Warranty for Manufacturing Defects: Tarkett warrants from the date of purchase for a period of ten (10) years of Commercial use that vinyl sheet and/or tile flooring products conform to written specifications and are free of manufacturing defects, subject to the terms and conditions specified herein.

The customer must notify Tarkett of any obvious visual defects prior to installation; otherwise this warranty will not apply. If the defect is found and Tarkett is notified in writing prior to installation, Tarkett will replace any defective product, at no charge. If the customer believes the product to be defective after installation, the customer must promptly notify Tarkett and permit an inspection of the product. If, upon inspection, Tarkett determines that the product is defective, Tarkett will replace or repair the defective product at its own cost, subject to the limitations in this warranty, and prorated as follows: Material and 100% Reasonable Labor Costs (Year 1); Material and 50% Reasonable Labor Costs (Year 2-3); and Material Only (Years 4-10).

Tarkett warrants that the products will not wear through for the warranty period of ten (10) years of Commercial use. For claims based on wear-through, the customer must notify Tarkett and permit an inspection of the flooring. If Tarkett determines that the original flooring is worn through, Tarkett will replace or repair the worn flooring at its own cost; however, labor costs will be the customer's responsibility except as provided on the prorated basis described in the prior paragraph.

Section 5D: Vinyl Sheet and Tile Flooring

Limited 5-Year Commercial Warranty for Manufacturing Defects: Tarkett warrants from the date of purchase for a period of five (5) years of Commercial use that vinyl sheet and/or tile flooring products conform to written specifications and are free of manufacturing defects, subject to the terms and conditions specified herein.

The customer must notify Tarkett of any obvious visual defects prior to installation; otherwise this warranty will not apply. If the defect is found and Tarkett is notified in writing prior to installation, Tarkett will replace any defective product, at no charge. If the customer believes the product to be defective after installation, the customer must promptly notify Tarkett and permit an inspection of the product. If, upon inspection, Tarkett determines that the product is defective, Tarkett will replace or repair the defective product at its own cost, subject to the limitations in this warranty, and prorated as follows: Material and 100% Reasonable Labor Costs (Year 1); Material and 50% Reasonable Labor Costs (Year 2-3); and Material Only (Years 4-5).

Tarkett warrants that the products will not wear through for the warranty period of five (5) years of Commercial use. For claims based on wear-through, the customer must notify Tarkett and permit an inspection of the flooring. If Tarkett determines that the original flooring is worn through, Tarkett will replace or repair the worn flooring at its own cost; however, labor costs will be the customer's responsibility except as provided on the prorated basis described in the prior paragraph.

Section 6A: Vinyl Composition Tile and Plank

Limited 5-Year Commercial Warranty for Manufacturing Defects: Tarkett warrants from the date of purchase for a period of five (5) years of Commercial use that vinyl composition tile and plank flooring products conform to written specifications and are free of manufacturing defects, subject to the terms and conditions specified herein.

The customer must notify Tarkett of any obvious visual defects prior to installation; otherwise this warranty will not apply. If the defect is found and Tarkett is notified in writing prior to installation, Tarkett will replace any defective product, at no charge. If the customer believes the product to be defective after installation, the customer must promptly notify Tarkett and permit an inspection of the product. If, upon inspection, Tarkett determines that the product is defective, Tarkett will replace or repair the defective product at its own cost, subject to the limitations in this warranty, and prorated as follows: Material and 100% Reasonable Labor Costs (Year 1); Material and 50% Reasonable Labor Costs (Year 2); and Material Only (Years 3-5).

Tarkett warrants that the products will not wear through for the warranty period of five (5) years of Commercial use. For claims based on wear-through, the customer must notify Tarkett and permit an inspection of the flooring. If Tarkett determines that the original flooring is worn through, Tarkett will replace or repair the worn flooring at its own cost; however, labor costs will be the customer's responsibility except as provided on the prorated basis described in the prior paragraph.

Section 6B: Vinyl Tile Flooring

Limited 10-Year Commercial Warranty for Manufacturing Defects: Tarkett warrants from the date of purchase for a period of ten (10) years of Commercial use that vinyl tile flooring products conform to written specifications and are free of manufacturing

defects, subject to the terms and conditions specified herein.

The customer must notify Tarkett of any obvious visual defects prior to installation; otherwise this warranty will not apply. If the defect is found and Tarkett is notified in writing prior to installation, Tarkett will replace any defective product, at no charge. If the customer believes the product to be defective after installation, the customer must promptly notify Tarkett and permit an inspection of the product. If, upon inspection, Tarkett determines that the product is defective, Tarkett will replace or repair the defective product at its own cost, subject to the limitations in this warranty, and prorated as follows: Material and 100% Reasonable Labor Costs (Year 1); Material and 50% Reasonable Labor Costs (Year 2); and Material Only (Years 3-10).

Tarkett warrants that the products will not wear through for the warranty period of ten (10) years of Commercial use. For claims based on wear-through, the customer must notify Tarkett and permit an inspection of the flooring. If Tarkett determines that the original flooring is worn through, Tarkett will replace or repair the worn flooring at its own cost; however, labor costs will be the customer's responsibility except as provided on the prorated basis described in the prior paragraph.

Section 7: Linoleum Sheet Flooring

Limited 10-Year Commercial Warranty for Manufacturing Defects: Tarkett warrants from the date of purchase for a period of ten (10) years of Commercial use that linoleum sheet flooring products conform to written specifications and are free of manufacturing defects, subject to the terms and conditions specified herein.

The customer must notify Tarkett of any obvious visual defects prior to installation; otherwise this warranty will not apply. If the defect is found and Tarkett is notified in writing prior to installation, Tarkett will replace any defective product, at no charge. If the customer believes the product to be defective after installation, the customer must promptly notify Tarkett and permit an inspection of the product. If, upon inspection, Tarkett determines that the product is defective, Tarkett will replace or repair the defective product at its own cost, subject to the limitations in this warranty, and prorated as follows: Material and 100% Reasonable Labor Costs (Year 1); Material and 50% Reasonable Labor Costs (Year 2); and Material Only (Years 3-10).

Tarkett warrants that the products will not wear through for the warranty period of ten (10) years of Commercial use. For claims based on wear-through, the customer must notify Tarkett and permit an inspection of the flooring. If Tarkett determines that the original flooring is worn through, Tarkett will replace or repair the worn flooring at its own cost; however, labor costs will be the customer's responsibility except as provided on the prorated basis described in the prior paragraph.

Section 8A: Luxury Tile and Plank

Limited 10-Year Commercial Warranty for Manufacturing Defects: Tarkett warrants from the date of purchase for a period of ten (10) years of Commercial use that luxury tile and plank flooring products conform to written specifications and are free of manufacturing defects, subject to the terms and conditions specified herein.

The customer must notify Tarkett of any obvious visual defects prior to installation; otherwise this warranty will not apply. If the defect is found and Tarkett is notified in writing prior to installation, Tarkett will replace any defective product, at no charge. If the customer believes the product to be defective after installation, the customer must promptly notify Tarkett and permit an inspection of the product. If, upon inspection, Tarkett determines that the product is defective, Tarkett will replace or repair the defective product at its own cost, subject to the limitations in this warranty, and prorated as follows: Material and 100% Reasonable Labor Costs (Year 1); Material and 50% Reasonable Labor Costs (Year 2); and Material Only (Years 3-10).

Tarkett warrants that the products will not wear through for the warranty period of ten (10) years of Commercial use. For claims based on wear-through, the customer must notify Tarkett and permit an inspection of the flooring. If Tarkett determines that the original flooring is worn through, Tarkett will replace or repair the worn flooring at its own cost; however, labor costs will be the customer's responsibility except as provided on the prorated basis described in the prior paragraph.

Section 8B: Luxury Tile and Plank

Limited 20-Year Commercial Warranty for Manufacturing Defects: Tarkett warrants from the date of purchase for a period of twenty (20) years of Commercial use that luxury tile and plank flooring products conform to written specifications and are free of manufacturing defects, subject to the terms and conditions specified herein.

The customer must notify Tarkett of any obvious visual defects prior to installation; otherwise this warranty will not apply. If the defect is found and Tarkett is notified in writing prior to installation, Tarkett will replace any defective product, at no charge. If the customer believes the product to be defective after installation, the customer must promptly notify Tarkett and permit an inspection of the product. If, upon inspection, Tarkett determines that the product is defective, Tarkett will replace or repair the defective product at its own cost, subject to the limitations in this warranty, and prorated as follows: Material and 100% Reasonable Labor Costs (Year 1); Material and 50% Reasonable Labor Costs (Year 2); Material Only (Years 3-10); 50% Material Only (Years 11-15); and 25% Material Only (Years 16-20).

Tarkett warrants that the products will not wear through for the warranty period of twenty (20) years of Commercial use. For claims based on wear-through, the customer must notify Tarkett and permit an inspection of the flooring. If Tarkett determines that the original flooring is worn through, Tarkett will replace or repair the worn flooring at its own cost; however, labor costs will be the customer's responsibility except as provided on the prorated basis described in the prior paragraph.

Section 8C: Luxury Tile and Plank

Limited 25-Year Commercial Warranty for Manufacturing Defects: Tarkett warrants from the date of purchase for a period of twenty five (25) years of Commercial use that luxury tile and plank flooring products conform to written specifications and are free of manufacturing defects, subject to the terms and conditions specified herein.

The customer must notify Tarkett of any obvious visual defects prior to installation; otherwise this warranty will not apply. If the defect is found and Tarkett is notified in writing prior to installation, Tarkett will replace any defective product, at no charge. If the customer believes the product to be defective after installation, the customer must promptly notify Tarkett and permit an inspection of the product. If, upon inspection, Tarkett determines that the product is defective, Tarkett will replace or repair the defective product at its own cost, subject to the limitations in this warranty, and prorated as follows: Material and 100% Reasonable Labor Costs (Year 1); Material and 50% Reasonable Labor Costs (Year 2); Material Only (Years 3-10); 50% Material Only (Years 11-15); and 25% Material Only (Years 16-25).

Tarkett warrants that the products will not wear through for the warranty period of twenty five (25) years of Commercial use. For claims based on wear-through, the customer must notify Tarkett and permit an inspection of the flooring. If Tarkett determines that the original flooring is worn through, Tarkett will replace or repair the worn flooring at its own cost; however, labor costs will be the customer's responsibility except as provided on the prorated basis described in the prior paragraph.

Section 9: Luxury Tile and Plank (Light Commercial)

Light Commercial Warranty for Manufacturing Defects: Tarkett warrants from the date of purchase for a period of ten (10) years of Light Commercial use that luxury tile and plank flooring products conform to written specifications and are free of manufacturing defects, subject to the terms and conditions specified herein. Light Commercial applications are defined as foot-traffic only (no rolling loads).

The customer must notify Tarkett of any obvious visual defects prior to installation; otherwise this warranty will not apply. If the defect is found and Tarkett is notified in writing prior to installation, Tarkett will replace any defective product, at no charge. If the customer believes the product to be defective after installation, the customer must promptly notify Tarkett and permit an inspection of the product. If, upon inspection, Tarkett determines that the product is defective, Tarkett will replace or repair the defective product at its own cost, subject to the limitations in this warranty, and prorated as follows: Material and 100% Reasonable Labor Costs (Year 1); Material and 50% Reasonable Labor Costs (Year 2); Material Only (Years 3-5); and 50% Material Only (Years 6-10).

Tarkett warrants that the products will not wear through for the warranty period of ten (10) years of Light Commercial use. For claims based on wear-through, the customer must notify Tarkett and permit an inspection of the flooring. If Tarkett determines that the original flooring is worn through, Tarkett will replace or repair the worn flooring at its own cost; however, labor costs will be the customer's responsibility except as provided on the prorated basis described in the prior paragraph.

Section 10: Underlayment

Limited 10-Year Light Commercial Warranty for Manufacturing Defects: Tarkett warrants from the date of purchase for a period of ten (10) years of Light Commercial use of SureStart™ underlayment with approved Tarkett LVT products, subject to subfloors being prepared & meeting Tarkett Installation Instruction guidelines and subject to the terms and conditions specified herein.

The customer must notify Tarkett of any obvious visual defects or concerns prior to install; otherwise this warranty will not apply.

If the defect is found and Tarkett is notified in writing prior to installation, Tarkett will replace any defective product, at no charge. If the customer believes the product to be defective after installation, the customer must promptly notify Tarkett and permit an inspection of the product. If, upon inspection, Tarkett determines that the product is defective, Tarkett will replace or repair the defective product at its own cost, subject to the limitations in this warranty, and prorated as follows: Material and 100% Reasonable Labor Costs (Year 1); Material and 50% Reasonable Labor Costs (Year 2); and Material Only (Years 3-10).

All Tarkett Commercial Products:

This Limited Warranty applies only for products installed, used and maintained according to the written recommendations and specifications provided at the time of material purchase.

Warranty Claim Procedure

To be eligible for replacement under this warranty, the customer must file a claim by giving Tarkett written notice of the defect. This notice must be filed immediately, but in no event more than 10 days following discovery of the defect. Notice shall be given to Tarkett at its corporate address of 30000 Aurora Road, Solon, Ohio 44139. Phone: (800) 899-8916; Fax: (440) 543-5774.

If defective product has been discontinued or is otherwise unavailable, Tarkett reserves the right to select and supply the customer with Tarkett replacement flooring, similar in quality and quantity to the material claimed to be defective.

Warranty Exclusions

The Tarkett Limited Warranty does not apply to:

- The exact matching of shade, color or mottling.
- Tears, burns, cuts or damage due to improper installation or use or improper cleaning agents and maintenance methods.
- Labor costs outside of prorated schedule defined in the warranty.
- Sales of non-first quality materials, i.e., “seconds,” “off goods” or other irregular flooring. Such non-first quality materials are sold “AS IS.”
- Issues associated with the use of adhesives other than those recommended by Tarkett.
- Issues caused by moisture or alkali in the subfloor. Pre-installation moisture and alkali testing is required and must be made available to Tarkett upon request.
- Issues of discoloration or staining associated with subfloor contamination or markings that bleed through the flooring material.
- Problems caused by installation, uses and maintenance that are contrary to Tarkett’s specifications, recommendations or instructions.
- Material installed with obvious defects not notified to Tarkett prior to installation.
- Exterior installations – Tarkett products are designed for interior applications only.
- Fading and/or discoloration resulting from heavy sunlight penetration and ultraviolet ray exposure from direct or glass-filtered sunlight.
- Damage to flooring products caused by high or spiked heels, improper protectors/casters or furniture rests. Some rolling-type casters on furniture or appliances may damage resilient flooring. Warranty as to the suitability of the factory-installed casters rests with the furniture or appliance manufacturers. To avoid Tarkett warranty exclusions, casters must be suitable for use on resilient flooring.
- Damage to flooring products from pallet jack and tow-motor traffic.
- Premature wear or deterioration from spikes and skate blade exposure.
- Variations in color or embossing between products, photography or printed color illustrations.
- Installation of Tarkett flooring in work or commercial areas exposed to oil and grease, such as commercial kitchens or butcher shops. Defiant™ Oil and Grease-Resistant Rubber tiles are recommended in such situations.
- Additional expense associated with overtime, replacing or moving appliances or furniture, business interruptions, loss of use or other related costs associated with the replacement of the flooring.
- Shifting, cracking, or movement of the substrate or foundation.
- Hydrostatic pressure, flooding, standing water or moisture on the surface of the substrate.
- Issues related to exposure to heavy rolling loads (Light Commercial Products).

• Warranty Disclaimer

- EXCEPT AS STATED HEREIN, TARKETT MAKES NO WARRANTIES OF ANY KIND, EXPRESS OR IMPLIED. ALL IMPLIED WARRANTIES WHICH MAY ARISE BY LAW, IMPLICATION OF LAW OR APPLICATION OF COURSE OF DEALING, PERFORMANCE OR USAGE OF TRADE INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY DISCLAIMED AND EXCLUDED. ANY ORAL STATEMENTS ABOUT THE PRODUCTS DESCRIBED HEREIN ARE NOT WARRANTIES, SHOULD NOT BE RELIED UPON BY BUYER, DO NOT FORM ANY PART OF THE BASIS OF THE BARGAIN, AND ARE NOT PART OF THIS OR ANY OTHER LIMITED WARRANTY. NO AGENT, DISTRIBUTOR OR REPRESENTATIVE OF TARKETT, EXCEPT AN AUTHORIZED OFFICER OF TARKETT, SHALL HAVE AUTHORITY TO AGREE TO ANY TERM, CONDITION OR PROVISION INCONSISTENT HERewith OR NOT CONTAINED HEREIN. IN NO EVENT SHALL TARKETT BE LIABLE TO BUYER FOR INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES, INCLUDING WITHOUT LIMITATION, DAMAGES OR LOSS OF PROFIT ARISING OUT OF OR RELATING TO ANY BREACH OF THIS WARRANTY, REGARDLESS OF THE LEGAL OR EQUITABLE THEORY (CONTRACT, TORT, OR OTHERWISE) UPON WHICH THE CLAIM IS BASED.
- These warranties provide specific legal rights; these and other rights may vary from state to state.



Angle Fit™ Rubber Stair Treads with Integrated Riser

Product Specification

1. PROPRIETARY PRODUCT/MANUFACTURER

1.1. **Proprietary Product:** Resilient Rubber Stair Treads A.D.A. compliant.

1.1. **Manufacturer:**

Tarkett North America Phone (800) 899-8916
30000 Aurora Rd.
Solon, Ohio 44139
Web: www.tarkettna.com
E-mail: info@tarkett.com

1.2. **Proprietary Product Description:**

1.2.1. **Construction:** Tarkett Rubber Stair Treads are manufactured from a homogeneous composition of 100% synthetic rubber, high quality additives, and colorants to meet the performance requirements of ASTM F-2169 Standard Specification for Resilient Stair Treads, Type TS, Class 1 and 2, Group 1 and 2. All Tarkett Stair Treads are available with a 2" (5.08 cm) wide strip of contrasting color to comply with A.D.A., Visually-Impaired, and California Title 24 requirements. Standard formulation exceeds ASTM E 648 Class 1 Flammability requirements.

1.2.1. **Styles & Physical Characteristics:**

- **Round Raised Disk Pattern** Rubber Stair Tread with Integrated Riser (**RNRDTR**), 19" (48.3 cm) overall width, 1.8" (4.57 cm) square nose configuration (inside measurement).

For visually impaired specify:

VIRNRDTR with 2" (5.0 cm) wide contrasting color grit tape insert

VIRNRDTRS with 2" (5.0 cm) wide contrasting solid rubber color insert strip

- **Square Raised Disk Pattern** Rubber Stair Treads with Integrated Riser (**RNSQTR**), 19" (48.3 cm) overall width, 1.8" (4.57 cm) square nose configuration (inside measurement).

For visually impaired specify:

VIRNSQTR with 2" (5.0 cm) wide contrasting color grit tape insert

VIRNSQTRS with 2" (5.0 cm) wide contrasting solid rubber color insert strip

- **Hammered Surface Texture** Rubber Stair Tread with Integrated Riser (**HNTR**), 19" (48.3 cm) overall width, 1.8" (4.57 cm) square nose configuration (inside measurement).

For visually impaired specify:

VIHNTR with 2" (5.0 cm) wide contrasting color grit tape insert.

VIHNTRS with 2" (5.0 cm) wide contrasting solid rubber color insert strip

- **Bamboo Surface Texture** Rubber Stair Tread with Integrated Riser (**BMNTR**), 19" (48.3 cm) overall width, 1.8" (4.57 cm) square nose configuration (inside measurement).

For visually impaired specify:

VIBMNTR with 2" (5.0 cm) wide contrasting color grit tape insert

VIBMNTRS with 2" (5.0 cm) wide contrasting solid rubber color insert strip

- **Cubis Surface Texture** Rubber Stair Tread with Integrated Riser (**CUBTR**), 19" (48.3 cm) overall width, 1.8" (4.57 cm) square nose configuration (inside measurement).

For visually impaired specify:

VICUBTR with 2" (5.0 cm) wide contrasting color grit tape insert.

VICUBTRS with 2" (5.0 cm) wide contrasting solid rubber color insert strip

- **Fast Lane Surface Texture** Rubber Stair Tread with Integrated Riser (**CFLNTR**), 19" (48.3 cm) overall width, 1.8" (4.57 cm) square nose configuration (inside measurement).

For visually impaired specify:

VICFLNTR with 2" (5.0 cm) wide contrasting color grit tape insert.

VICFLNTRS with 2" (5.0 cm) wide contrasting solid rubber color insert strip

- **Diamond Texture** Rubber Stair Treads with Integrated Riser (**CNNTR**), 19" (48.3 cm) overall width, 1.8" (4.57 cm) square nose configuration (inside measurement).

For visually impaired specify:

VICNNTR with 2" (5.0 cm) wide contrasting color grit tape insert.

VICNNTRS with 2" (5.0 cm) wide contrasting solid rubber color insert strip

- **Rice Paper Texture** Rubber Stair Tread (**FRPANTR**), Integrated Riser, 19" (48.3 cm) overall width, 1.8" (4.57 cm) square nose configuration (inside measurement).

For visually impaired specify:

VIFRPANTR with 2" (5.0 cm) wide contrasting color grit tape insert.

VIFRPANTRS with 2" (5.0 cm) wide contrasting solid rubber color insert strip

Tarkett North America

Technical Services Department
30000 Aurora Road
Solon, Ohio 44139
800.899.8916
info@tarkettna.com

www.tarkettna.com



Angle Fit™ Rubber Stair Treads with Integrated Riser

Product Specification

1.1.2. Sizes:

- **Raised Round, Raised Square and Hammered** rubber stair treads available in 3', 3-1/2', 4', 4-1/2', 5', and 6' (.91 m, 1.07 m, 1.22 m, 1.37 m, 1.52 m, and 1.83 m), 7 ft. (2.13 m), 8 ft. (2.44 m), and 9 ft. (2.74 m) lengths]
- **Bamboo, Cubis, Fast Lane, Diamond, and Rice Paper** rubber stair treads available in 3', 3-1/2', 4', 4-1/2', 5', and 6' (.91 m, 1.07 m, 1.22 m, 1.37 m, 1.52 m, and 1.83 m)

2. PRODUCT PERFORMANCE AND TECHNICAL DATA

- 2.1. **Hardness** (ASTM D 2240): Not less than 85 Shore A
- 2.2. **Abrasion Resistance** (ASTM D 3389): < 1 gram weight loss
- 2.3. **Slip Resistance** (ASTM D 2047): ≥ 0.5 SCOF
- 2.4. **Fire Resistance:** ASTM E 648/NFPA 253 (Critical Radiant Flux): Class 1 (Minimum 0.45 W/cm²)
- 2.5. **Smoke Development** (ASTM E 662/NFPA 258): less than 450
- 2.6. **Canadian Flammability & Smoke** (CAN/ULC S102.2):
≤ 300 Flame Spread & ≤ 500 Smoke Developed

3. INSTALLATION

- 3.1. See Tarkett Stair Tread installation instructions for complete details.
- 3.2. **Adhesives:**
 - **Tarkett 965**
Approximate Coverage:
 - Porous Substrate: 1/16x1/16x1/16 SQ-notch – 125-150 sq. ft. per gallon
 - Non-porous Substrate: 1/16x1/16x1/16 V-notch – 150-175 sq. ft. per gallon
 - **Tarkett 946 Premium Contact Adhesive** (Non-porous surfaces)
Application: Brush or roller
Approximate coverage:
 - 1 quart unit (0.95 liters) – 24 to 36 sq. ft.
 - 1 gallon unit (3.79 liters) – 144 to 215 sq. ft.
 - **Tarkett 930 Two-Part Epoxy Caulking Compound**
Application: 13.5 oz. cartridge, Gun at 1/4" diameter bead (Use Tarkett 530 dual-cartridge dispenser gun with cartridge)
Coverage: Approximately 50 linear ft. / cartridge

4. AVAILABILITY AND COST

Available through authorized Tarkett distributors nationwide.

5. MAINTENANCE

72 hours after installation is completed, initial maintenance procedures must be implemented in accordance with manufacturer's requirements. Refer to Rubber Stair Treads Maintenance Instructions for complete maintenance details.

6. TECHNICAL SERVICES

Visit us on the web at www.tarkettna.com
Contact Technical Support at (800) 899-8916 or E-mail:
Resilient.TechnicalSupport@Tarkett.com

Samples: Submittal samples for verification and approval available upon request from Tarkett. Samples shall be submitted in compliance with the requirements of the contract documents. Accepted and approved samples shall constitute the standard materials which represent materials installed on the project.

7. WARRANTY

Limited 5 year warranty. For complete details, contact Tarkett or an authorized Tarkett distributor.

Tarkett North America

Technical Services Department
30000 Aurora Road
Solon, Ohio 44139
800.899.8916
info@tarkettna.com

www.tarkettna.com



ANGLE FIT™ RUBBER STAIR TREADS INSTALLATION INSTRUCTIONS

Tread with Integrated Riser

INTRODUCTION

These instructions are written as a guide to be used by professional installers when installing Tarkett products. These instructions, combined with our adhesives and flooring products, create a system. Utilizing this system will ease the installation process and provide the customer with a completed product that will perform to its intended purpose. Always visit www.tarketta.com for the most current installation and maintenance instructions. Technical videos and tip sheets are also available. Contact Tarkett Technical Services at (800)-899-8916 with any questions.

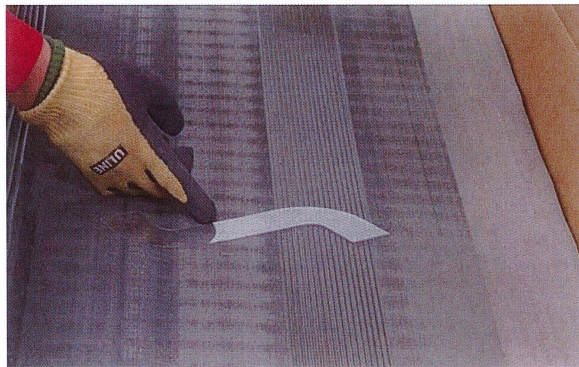
Click here to watch instructional video:

[Angle Fit Rubber Stair Tread Installation Video](https://vimeo.com/323291924)
(<https://vimeo.com/323291924>)

USING THE INCLUDED STAIR TEMPLATE TO DETERMINE ANGLE OF STAIR NOSE

Included in the packaging of every carton of stair treads, you will receive an angle gauge to determine if the nose of the stair tread will require the use of Tarkett 946 Premium Contact Adhesive™ or Tarkett 930 Two-Part Epoxy Caulking™.

- Each template has a 90° and an 80° angle. These will be used to determine if 946 Premium Contact Adhesive is required on the nose.
- Each template has two ½" radiuses. These will be used to determine if 930 Two Part Epoxy Caulking is required in the crook of the nose.
- See installation video or photos below in Section 2 ADHESIVE APPLICATION for detailed explanation when using the stair template.



HANDLING AND STORAGE

1. All Tarkett products must be stored in an indoor, climate controlled space and be protected from the elements. Temperature must be maintained between 65°F (18.3°C) and 85°F (29.4°C) with a relative humidity between 40% and 60%.
2. All cartons must be stored on a dry, flat, level surface. Cartons must be carefully stacked squarely on top of one another and never be stored on edge. Take caution not to over stack the cartons and never double stack pallets. Always protect carton corners from damage by tow-motors and other traffic.
3. Do not flex, bend, or stand stair treads on end.
4. Tarkett flooring and adhesives must be site conditioned at room temperature for 48 hours prior to, during, and after installation. Room temperature must be maintained between 65°F (18.3°C) and 85°F (29.4°C) and the ambient relative humidity must be between 40% and 60%. We strongly recommend the permanent HVAC system be fully operating. **NOTE:** If a system other than the permanent HVAC source is utilized, it must provide proper control of both temperature and humidity to recommended or specific levels for the appropriate time duration as stated above.
5. Once the installation is completed, the service temperature of the space must never fall below 55°F (12.8°C).
6. In areas that are exposed to intense or direct sunlight, the product must be protected during the conditioning, installation, and adhesive curing periods, by covering the light source.
7. Tarkett products are not recommended for exterior use. Exposure to excessive UV rays can result in fading, degradation, and/or color variation.
8. The highest quality of materials and workmanship is employed in the manufacture of Tarkett Flooring and careful inspection is made before shipment. A quality installation is the responsibility of the installer. It is the installer's responsibility to verify the accuracy of the order and to ensure the materials are checked for damage, defects, and satisfactory color match. An authorized Tarkett distributor or Tarkett representative must be notified of any defects before installation proceeds. **Tarkett will not pay for labor or material costs claimed on installed materials with visual defects.**
9. Tarkett cannot accept responsibility for any loss or damage that may result due to processing or working conditions and/or workmanship outside our control.
10. Users are advised to confirm the suitability of this product by their own tests.

GENERAL SUBFLOOR PREPARATION

1. **All staircases** must be permanently dry, clean, smooth, and structurally sound. The surface must be free of all dust, loose particles, solvents, paint, grease, oil, wax, alkali, sealing/curing compounds, old adhesive, and any other foreign material, which could affect the installation and adhesive bond to the substrate. Permanent and non-permanent markers, pens, crayons, paint, or similar marking tools used to mark the substrate or the back of the resilient flooring material will cause migratory staining. Subfloor contamination or markings that bleed through the flooring material causing discoloration or staining are excluded from the Tarkett Limited Warranty. All substrate contaminants must be mechanically removed prior to the installation of the flooring material. **NOTE: Do not use liquid solvents or adhesive removers.**

Minimum temperature of the substrate must be 60°F (15.6 °C). Substrate temperature should be a minimum of 5°F higher than the dew point temperature.

Caution: Do not use oil based sweeping compounds.

Fill all depressions, cracks, and other surface irregularities with a good quality Portland cement based underlayment patching compound appropriate for this purpose.

Tarkett does not recommend installing over existing resilient floors. All existing flooring and adhesives must be mechanically removed prior to installing the new flooring material – **Do not use chemical adhesive removers or solvents.** Refer to the Resilient Floor Covering Institute (RFCI), *Recommended Work Practices for Removal of Existing Resilient Flooring* for best work practices.

Caution: Do not install stair treads in areas that are exposed to grease, oil or animal fats.

Caution: Some resilient flooring products and adhesives contain "asbestos fibers" and special handling of this material is required.

2. **Concrete staircases** must be constructed as recommended by the American Concrete Institute's *ACI 302.2 Guide for Concrete Slabs that Receive Moisture-Sensitive Flooring Materials* and prepared in accordance with *ASTM F 710 Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring*.
Do not install Tarkett flooring over expansion joints, or other moving joints in the substrate. These joints must be respected and should not be filled with products that are not intended for that purpose. Contact an expansion joint cover manufacturer to meet specific flooring conditions.
A pH test for alkalinity must be conducted on all concrete subfloors. Acceptable pH range of the adhesive can be found in the adhesive section below, on the adhesive label, and in the adhesive specifications online. Results must not exceed the limits of the adhesive. If the test results are not within the acceptable range, the installation must not proceed until the problem has been corrected.
3. **Wood staircases** must be firmly nailed and sanded flat. Countersink nail heads and fill depressions, joints, cracks, gouges, and chipped edges with a good quality Portland cement based patching compound designed for this purpose.
4. **Do not install over OSB (Oriented Strand Board), particle board, chipboard, luan or composite type underlayments.**
5. **Terrazzo and Ceramic staircases** surface must be free of all glaze and waxes. Remove or replace all loose tiles and clean the grout lines. Use a good quality Portland cement based leveling compound to fill all grout lines and other depressions.
6. **Steel staircase surface** must be mechanically abraded to assist with the adhesive bond. The staircase must be cleaned to remove all dirt, rust and other contaminants that could affect the adhesive or the bond of the flooring material to the substrate. Surface must be primed with a rust inhibitor. It is important to follow the non-porous installation instructions when installing over metal.
7. **An adhesive bond test** must be performed using the actual flooring materials and adhesive to be installed. The test areas must be a minimum of 12" wide and cover the entire depth of the step surface and height of the riser (if applicable) and remain in place for at least 72 hours and then evaluated for bond strength to the substrate.

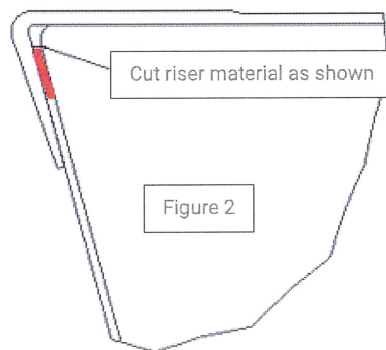
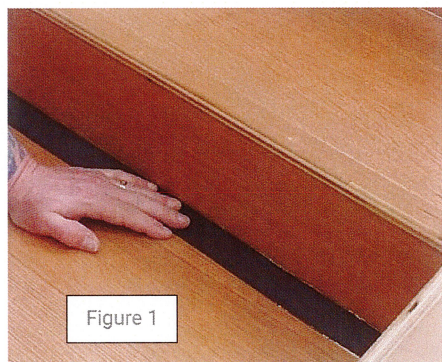
GENERAL INSTALLATION

1. Tarkett recommends that the installation of new stairwell materials not be performed until all the other trades have completed their work. Proper precautions must be taken during and after the installation process to avoid damage to the newly installed stairwell materials.
2. Tarkett Stair Treads, Nosings, Risers, and Stringers are available in convenient lengths and sizes, but normally, trimming will be required to obtain proper fit on each stair.
3. If the shape of the step does not conform to the shape of the stair tread or nosing, and cannot be altered to conform, then we do not recommend the installation of our products.
4. Trimming on both sides of the tread may be required to obtain proper fit and pattern match to adjacent steps.
5. **Wide staircases**, which require butting multiple lengths of product, will require additional planning and dry fitting prior to adhesive installation to ensure proper pattern alignment.

ANGLE FIT STAIR TREAD WITH INTEGRATED RISER INSTALLATION

1. **Fitting One Piece Tread Riser Combination:**
 - a. Tarkett recommends installing a CFS-00-A Cove Filler Strip where the tread and riser intersect on the step (see figure 1). The filler strip must be installed prior to trimming the one piece tread riser combination. The cove filler strip must be trimmed to fit the width of the stair and installed with Tarkett 946 Premium Contact Adhesive. Apply the adhesive to the back of the cove filler strip and where the tread and riser intersect. Allow the adhesive to dry to the touch. Place cove filler strip in position and roll with a small hand roller
 - b. Since each step on a staircase can vary slightly in width, depth, and squareness, Tarkett recommends scribing each tread and riser to ensure proper fit on the step.
 - c. Measure the width of the step and place a pencil mark on the step's riser indicating the center of the step. Next, measure the length of the stair tread and mark the center point at the back of the tread where the tread meets the riser. **NOTE:** When installing patterned treads the same point of the pattern should always fall at the center point of each tread for visual alignment.
 - d. To fit the stair tread to the depth of the step, place a 2 x 4 under the nose of the tread and position on step. If the tread is still deeper than the step, use the 4" side of the 2 x 4 or increase the size of the spacer, until the back of the stair tread is away from the riser.

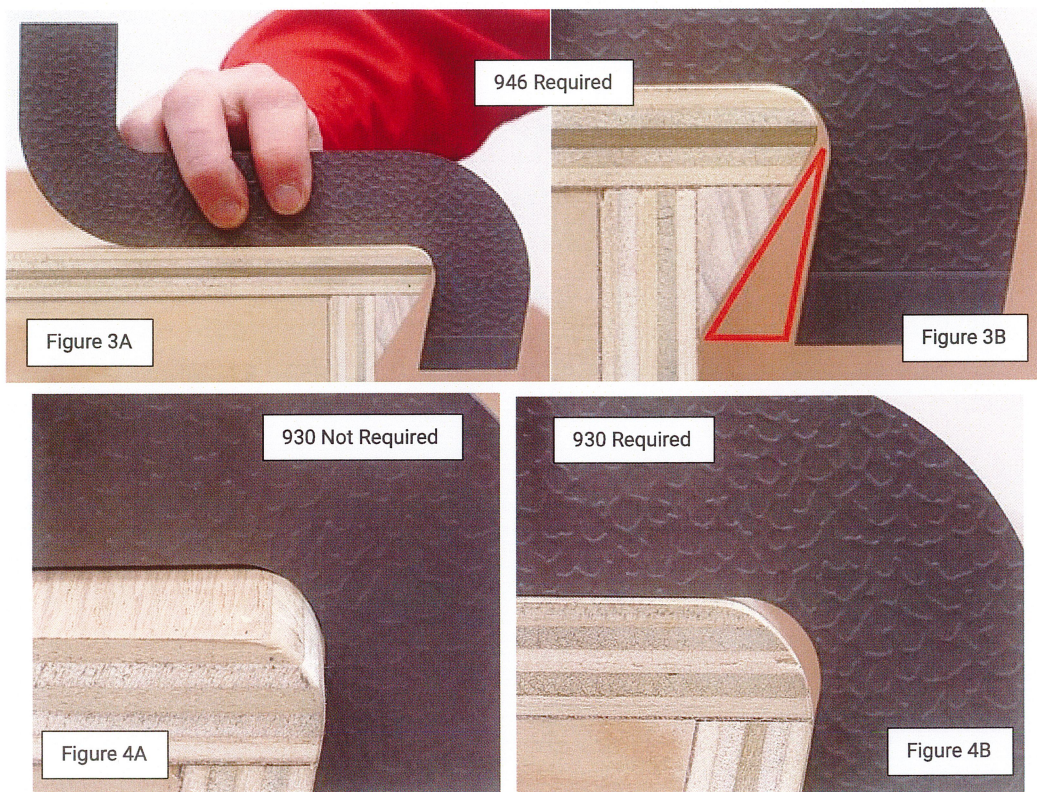
- e. Set the dividers the width of the spacer (i.e.: 2 x 4), scribe, and cut the back of the stair tread. To cut the width, position the stair tread on the step with the right hand side next to the stringer.
- f. Utilizing a set of dividers, span the needles across the two centerline marks. Move to the right hand side of the step. Place one needle on the stringer and the other on the tread. Start at the back of the tread and pull the dividers forward. Keep the needle firmly in contact with the stringer while exerting adequate downward force to scribe the tread and nose of the material.
- g. Following the scribe line, cut the material with a utility knife.
- h. Reposition the tread on the left hand side of the step and repeat the same procedure to fit the left side of the tread.
- i. After fitting the stair tread as described above, if the tread has Grit Tape or Photo Luminescent strips, cut strips back 1/16" on each side of tread to allow for expansion. After installation of the tread, roll the Grit Tape or Photo Luminescent strips to ensure adhesion.
- j. Set the trimmed stair tread and riser in place. Tread must be cut to have a slight gap, maximum 1/32" (.793mm). **Tread must not be compression fit.**
- k. While holding the trimmed stair tread and riser into position cut the height of the riser to the top of the step riser surface using a sharp utility knife (see figure 2).



2. Adhesive Application:

One-Piece Tread and Riser Combination using 965 Flooring and Tread Adhesive

- a. Prior to applying adhesive, wipe the back tread and nosing with denatured alcohol to remove any contaminants which may interfere with the adhesive bond. (Follow manufacturer's precautions when using denatured alcohol.)
- b. If the angle of the step riser is smaller than the included stair template, Tarkett 946 Premium Contact Adhesive must be used to ensure a tight fit of the tread nose to the step riser (see figures 3A & 3B). **NOTE: This angle may be smaller on multiple stair designs.** To adhere the nose of the stair tread directly to the step riser surface, apply a uniform coat of Tarkett 946 Premium Contact Adhesive to the nosing area of the stair tread and the step riser. Allow the adhesive to dry to the touch.
- c. For a step nosing surface in need of repair or with a radius greater than 1/2" (12.70mm) utilize Tarkett 930 Two-Part Epoxy Caulking Compound (see figure 4A & 4B). Refer to the provided stair tread template located in the tread carton.
- d. **Important:** Step surface porosity must be checked to determine if the substrate is porous or non-porous prior to applying 965 Flooring and Tread Adhesive.
- e. **For Porous Step Surfaces:** Trowel the 965 Flooring and Tread Adhesive onto the tread portion of the step surface using a 1/16" square-notched trowel. Keep adhesive back 1/2" from the step edge to provide a bonding area for applications requiring the use of 930 Two-Part Epoxy Caulking Compound. Allow the 965 Flooring and Tread Adhesive proper open time. Follow adhesive pail label instructions. **Open and working times are dependent on the ambient temperature, humidity, substrate porosity and temperature, and air movement. It is the installer's responsibility to modify the open and working time for jobsite conditions.**
- f. **NOTE: If step riser is non-porous Tarkett 946 Premium Contact Adhesive must be used. Follow the adhesive label instructions for proper use.**
- g. **For Non-Porous Step and Riser Surfaces:** Trowel the 965 Flooring and Tread Adhesive onto the tread portion of the step using a 1/16" V-notch trowel. Keep adhesive back 1/2" from the step edge to provide a bonding area for the 930 Epoxy Caulking Compound. Allow the 965 Flooring and Tread Adhesive proper open time. Follow adhesive pail label instructions. The stair tread or nosing **MUST** be placed into **semi-wet** adhesive to obtain a transfer of adhesive to the back of the tread which is critical for a successful installation.
- h. Apply Tarkett 946 Premium Contact Adhesive to both the step riser surface and the back of the riser material. Follow the adhesive label instructions for proper use.
- i. In situations when Tarkett 930 Two-Part Epoxy Caulking Compound is required (see 4.c.), gun an adequate amount of Tarkett 930 Two-Part Epoxy Caulking Compound into the nose of the stair tread to completely fill the void between the internal angle of the stair tread and external edge of the stair step. **Caution: Improper application of the caulking compound can interfere with the adhesion of the 965 and 946 (if required) adhesives.**
- j. Fold the riser portion of the one-piece unit so that the show surface of the riser is laying on the show surface of the stair tread. Next, position the stair tread into its proper position on the stair, beginning at the nose and pushing back firmly and down as tightly as possible. When installing, lift the back of the tread slightly at the riser until the nose is in position then firmly press the tread portion into place. Apply adequate pressure at the cove filler strip to ensure uniform contact at the base of the riser and then proceed with the riser installation.
- k. Lift the riser portion of the unit and install from the bottom up. After installation is complete, firmly roll with a small hand roller. Make certain that the nosing portion of the stair tread is fit tight against the step nosing.
- l. **Important:** If adhesive is allowed to remain uncovered, after the initial drying period, for periods longer than 45 minutes, a loss of adhesion strength will occur. Care should be taken by the installer not to spread more adhesive than can be worked within the 45minute time frame. Adhesive transfer to the back of the stair tread is critical for a successful installation.



One-Piece Tread and Riser Combination using Tarkett Power Tape™

NOTE: CFS-00-A Cove Filler Strip must have been installed prior to the fitting process (see figure 1 on page 2).

- Prior to applying Power Tape, wipe the back tread and nosing with denatured alcohol to remove any contaminants which may interfere with the adhesive bond. (Follow manufacturer's precautions when using denatured alcohol.)
- If the angle of the step riser is smaller than the included stair template, Tarkett 946 Premium Contact Adhesive must be used to ensure a tight fit of the tread nose to the step riser (see figures 3A & 3B). **NOTE: This angle may be smaller on multiple stair designs See Figure .** To adhere the nose of the stair tread directly to the step riser surface, apply a uniform coat of Tarkett 946 Premium Contact Adhesive to the nosing area of the stair tread and the step riser. Allow the adhesive to dry to the touch.
NOTE: Depending on step design, the nosing may also be adhered directly to the riser material using Tarkett 946 Premium Contact Adhesive. Prior to installation, wipe both the front of the riser and the back of the nosing with denatured alcohol. Apply a uniform coat of Tarkett 946 to both the riser and back of the nosing. Allow the adhesive to dry to the touch.
- Apply one length of the 9-1/2" wide strip of Power Tape approximately 1/2" back from the internal angle of the stair tread nose and another length of Power Tape across the riser portion of the stair tread.
- Thoroughly roll the tape to ensure proper bonding to the back stair tread and riser. Trim off excess Power Tape along the edges of the stair tread as required.
- For a step surface nosing in need of repair or with a radius greater than 1/2" (12.70mm) utilize Tarkett 930 Two-Part Epoxy Caulking Compound (see figures 4A & 4B). Refer to the provided Stair Tread Template located on the tread carton. Gun an adequate amount of Tarkett 930 Two-Part Epoxy Caulking Compound into the nose of the stair tread to completely fill the void between the internal angle of the stair tread and external edge of the stair step. **Caution: Improper application of the caulking compound can interfere with the adhesion of the Power Tape and 946 Premium Contact Adhesive.**
- Fold the riser portion of the one-piece unit so that the show surface of the riser is laying on the show surface of the stair tread
- Set the stair tread nose into its proper position. With the nose in position lay the tread into place until the nose is tight to the step edge.
- Make certain that the nosing portion of the stair tread is tight against the step nosing.
- After placing the nosing portion of the stair tread to the step edge, carefully lift the back edge of the tread and riser sections and remove the release paper from the tread section only. **WARNING: Once removed, release paper may be slippery. Please keep work area clean and free of release paper.**
- Start at the front edge of the stair tread and press the tread portion down firmly and uniformly onto the step surface from front to back.
- Remove the release paper from the riser section of the tread and install the riser starting at the bottom and continuing up until the top of the riser is fitted tightly and uniformly to the bottom of the stair tread nose on the adjacent step. **WARNING: Once removed, release paper may be slippery. Please keep work area clean and free of release paper.**
- When the tread is in its final position, roll the entire tread, riser and nosing surfaces (using 946 Premium Contact Adhesive) with a hand roller to ensure proper adhesion to the step surface.

3. Post Installation Clean up:

- Inspect the tread and riser surfaces, remove any excess adhesive. **Caution:** 930 Epoxy Caulking Compound cannot be removed when dried without resulting in damage to the stair tread/nosing material.
- Foot traffic must be restricted for 12 to 24 hours after installation depending on temperature and humidity if 965 Tread and Flooring Adhesive, 930 Two-Part Epoxy Caulking Compound and/or 946 Premium Contact Adhesive were used. **Note:** Installations using the Power Tape method may receive traffic immediately.
- All heavy traffic, rolling loads, furniture dollies, etc. must be restricted for a minimum of 72 hours after installation when using adhesives or caulking compound.
- Stair Treads must be swept or vacuumed to remove loose dirt and grit (Lightly damp mop if necessary).

ADHESIVE CLEAN UP

Excess adhesive should be removed during the installation process.

965™ Flooring and Tread Adhesive, 960™ Wall Base Adhesive, 946™ Premium Contact Adhesive

- Use a clean white cloth dampened with water to remove wet adhesive from floor covering and tools.
- Dried adhesive may require the use of denatured alcohol applied to a clean white cloth (Follow manufacturer's precautions when using denatured alcohol).

930™ Two-Part Epoxy Caulking

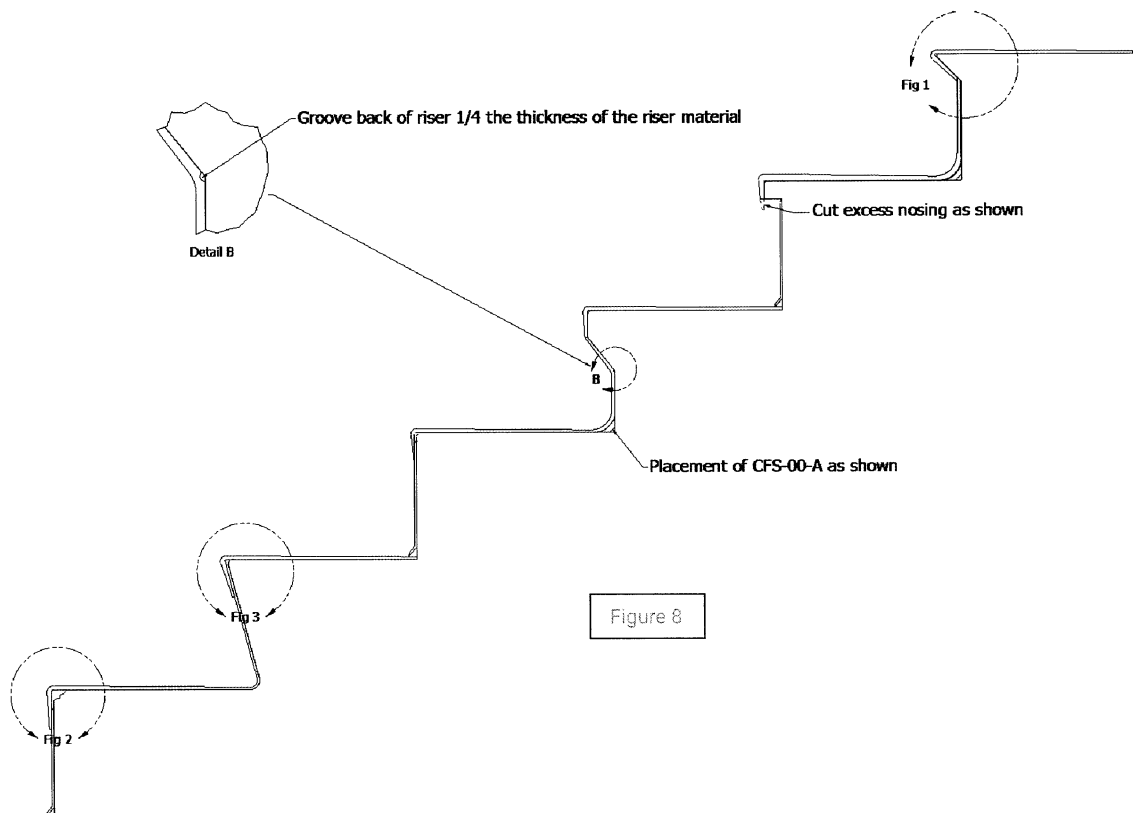
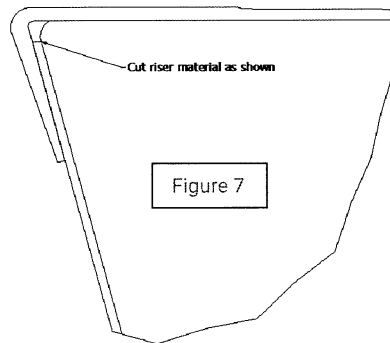
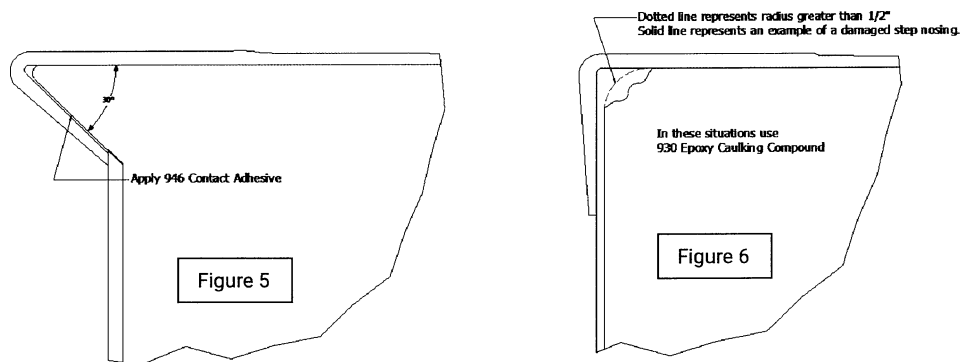
- Before the adhesive sets, remove excess from flooring and clean tools with denatured alcohol applied to a clean white cloth (Follow manufacturer's precautions when using denatured alcohol).
- Do not allow adhesive to dry on the flooring surface.
- Removing dried adhesive may cause irreparable damage to the flooring surface.

MAINTENANCE

- Wait 72 hours after installation before performing initial cleaning.
- A regular maintenance program must be started after the initial cleaning.
- Refer to Tarkett's Maintenance Instructions for complete details.

ADHESIVE SELECTION CHART

Products	Adhesive	Application and Coverage		Moisture / pH Limits			Notes
		Porous	Non-Porous	RH%	CaCl ₂	pH	
Angle Fit Stair	965 Flooring and Tread Adhesive	1/16x1/16x1/16 SQ 125 – 150 sq. ft. per gallon	1/16x1/16x1/16 V 150 – 175 sq. ft. per gallon	85%	7 lbs.	9	The 965 adhesive is sensitive to substrate porosity. Determine substrate porosity and follow the adhesive label instructions regarding porous and non-porous substrate drying times prior to the installation.
Angle Fit Stair Treads Risers	Power Tape	N/A	N/A	80%	5 lbs.	9	MUST NOT be used to adhere the nose to angled back risers
Riser	960 Wall Base Adhesive	1/8 x 1/8 x 1/8 SQ 4" = 200-250 lf. 6" = 100-150 lf. 2.5" = 300-350 lf.	USE 946 PREMIUM CONTACT ADHESIVE	N/A	N/A	N/A	MUST NOT be used to adhere the nose to the angled back risers.
Angle Fit Stair Tread Nose Riser Stringers	946 Premium Contact Adhesive	Applied with Brush or Roller 1 qt. unit 24 – 36 sq. ft. 1 gal. unit 144 – 215 sq. ft.	Applied with Brush or Roller 1 qt. unit 24 – 36 sq. ft. 1 gal. unit 144 – 215 sq. ft.	80%	5 lbs.	9	Refer to Adhesive Application Section 3.b. for when to use 946. Coverage based on applying to both sides.
Angle Fit Stair Tread Nose	930 Two-Part Epoxy Caulking	13.5 ounce Cartridge with 1/4" Bead = 50 lf.	13.5 ounce Cartridge with 1/4" Bead = 50 lf.	N/A	N/A	N/A	Refer to Adhesive Application Section 3.c. for when to use 930.



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