

GOLDEN APARTMENTS

COMPLETE RENOVATION PROJECT

2312 N. Golden Ave

San Bernardino, CA 92404

FLOORING SPECIFICATIONS

Manufacturer: Urban Surfaces

Includes:

**SoundTec Floating Floor – Upstairs Only
Level 7 Commercial LVP – Downstairs Only**

Authorized Supplier:

Verne S. Padgett, Territory Manager

Urban Surfaces

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verne@urbansurfaces.com <https://www.urbansurfaces.com/index.php>

GOLDEN APARTMENTS
URBAN SURFACES
UPSTAIRS FLOORING



TWILIGHT
9505 - S

Line: Sound - Tec
Installation: Floating
Edge: Beveled
Size: 7" x 48"
Thickness: 6 mm
Wear Layer: 20 mil



**SCAN
HERE**

(800) 492-8722 - UrbanSurfaces.com





SPECIFICATIONS

Product Line	Sound-Tec
Construction	Stone Polymer Composite (SPC)
Class	ASTM F1700, Class III, Type B
Wear layer Thickness	20 mil
Edge	Beveled
Overall Thickness	6 mm – 0.236"
Size	7" wide x 48" long
Finish	UV-Polyurethane + EZ-Clean
Installation	Floating

PACKAGING

Square Feet per Carton	23.47
Pieces per Carton	10
Weight per Carton	45 lbs
Cartons per Pallet	50

PERFORMANCE TESTING

Slip Resistance / ASTM D2047	≥ 0.5 (Dry)
Radiant Flux / ASTM E648	Class I
Static Load / ASTM F970-07	Passes
Abrasion Resistance / ASTM D3389	Passes
Light Resistance / ASTM F1515	Passes
Heat Resistance / ASTM F1514	Passes
Chemical Resistance / ASTM F925	Passes
Smoke Density / ASTM E662-09	Passes
Subfloor RH/MVER Requirements	85% RH/8lbs. MVER

WARRANTY

Manufacturer's Warranty	Lifetime
Residential Warranty	20 Year

ENVIRONMENTAL

Indoor Air Quality	FloorScore® Certified
LEED Scorecard	EQ4.3
CHPS 01350	Passes

Specifications are subject to nominal manufacturing variance. Material supply and/or manufacturing processes may necessitate changes without notice.



THE **MODERN FLOORING** SOLUTION

SOUND-TEC FULL INSTALL GUIDE

In any floor covering installation there are six basic requirements to insure a proper long lasting and attractive floor. These requirements are the same for Urban Surfaces Commercial and residential products.

1. Choose the Appropriate Product for the Job.....(1)
2. Conduct Proper Product Inspection.....(1)
3. Ensure Job-Site is Ready for Flooring.....(2)
4. Conduct Proper Sub floor Preparation.....(2-5)
5. Use the Right Tools for the Job.....(7)
6. Install Product per Installation Guide.....(8-13)

Choose the Appropriate Product for the Job

1. Always select the proper product for the job, which you plan to install. Do not use a residential product for a commercial installation. Urban Surfaces' Sound-Tec Line offers an unparalleled selection of some of the most beautiful and practical flooring available anywhere. Flooring products are a long-term investment. Choose wisely.

Conduct Proper Product Inspection

1. Ensure that Sound-Tec comes in its original packaging and is free from any visible damage or defects.
2. Check all material for correct color, design, size, and that the correct quantity is available to finish the job.
3. All products should be visually inspected before installation for color and style, to minimize possible shade variations mix flooring from several different cartons upon installation.

WARRANTY NOTE:

Urban Surfaces warrants that flooring products shall be free from visual defects. *Do not install Sound-Tec with visual defects. The installation of defective flooring is the error of the installer, therefore, no extra labor, material, or shipping costs will be paid by Urban Surfaces due to installation errors. (Refer to warranty for specifics)



Ensure Job-Site is Ready for Flooring

Clean Area:

1. Areas to receive Sound-Tec flooring must be clean, fully enclosed, well lit, and weather tight.

Temperature & Humidity:

2. The permanent HVAC system set at a minimum room temperature of 50°F and a maximum of 90°F for 48 hours prior to, during and after the installation. The floor temperature should stay between 50°F and 90°F before, during, and after installation.
3. A relative humidity no greater than 95% for at least 48 hours is required before, during, and after installation.
4. Sound-Tec is to be installed inside a climate-controlled structure. Sound-Tec products are not designed to be installed outdoors and the installation of them outdoors will void all warranty.

Job Scheduling:

5. The installation should not begin until the works of all other trades have been completed, especially overhead trades.

Conduct Proper Sub floor Preparation

Prepare Sub floor:

1. No floor covering installation is better than the sub-floor over which it is installed. The preparation of the Sub-Floor is one of the most important parts of the installation process. The quality of the sub-floor will affect the levelness and durability of the flooring.
2. If the old flooring must be removed, make sure it is done properly and responsibly.
3. The sub-floor should be weather tight, rigid, finished smooth, clean, free of moisture, oil, dust, and solvents.
4. All cracks and holes larger than 1/8" should be filled with a non-shrinking water resistant Portland Cement Patching Compound or Floor leveler.
5. The responsibility for determining the suitability of the sub-floor rests solely with the flooring installer.

NOTE: Urban Surfaces does not manufacture floor patch, and therefore does not warrant its performance. Be sure to refer to the correct floor patch manufacturer's installation instructions that was used in your particular installation.



A. Concrete/Lightweight Concrete Sub-Flooring

Clean Surface:

1. Surfaces must be clean, dry and flat; free of voids greater than 1/8", projections, loose materials, oil, grease and all other harmful surface contaminants.
2. Mechanically remove all harmful surface contaminants by grinding the substrate if necessary.

Floor Patching:

3. Surface areas requiring patching or leveling must be treated using fast setting, high strength floor patch. Refer to the technical data sheets of respective products for proper installation.

Concrete Strength:

4. Concrete shall have a minimum compressive strength of 3000psi.

Surface Flatness:

5. Surfaces need to be as flat as possible; to ensure visual aesthetics, and to keep wear-down from happening prematurely as higher points will wear fast.
6. Variations in sub floor flatness should not exceed 3/16" 10' (4.76 mm in 3.05 m) or 1/8" in 6' (3.17 mm in 1.83m). Level floors with a suitable cement-based self-leveling underlayment following the manufacturer's recommended guidelines.

B. Wood Sub-Flooring

Structurally Sound:

1. Wood sub floors must be structurally sound and in compliance with local building codes.
2. Wood sub floors, if suspended off grade, should be a minimum of 18" of well-ventilated air space below.
3. Wood sub floors directly fastened to concrete, or sleeper construction, are not recommended.
4. APA rated Sturdi-Floor panels are designed as combination sub floor/underlayment, but exposure to construction conditions including weather may necessitate installation of an underlayment panel prior to installation.



5. Urban Surfaces' flooring is not recommended directly over- fire-retardant treated plywood or preservative treated plywood.

6. Not for use over particle board, cip wood, Luan or pressboard.

WARRANTY NOTE: Installation over these sub floor types will void warranty.

Floor Flatness:

7. A floor flatness tolerance is cited in the "Performance Standards for Wood Floors" published by the National Association of Home Builders. This states that floors shall not have more than 1/4 - inch ridge or depression within any 32 - inch measurement when measured parallel to the joists; and that no point on the surface of a wood floor shall be more than 1/2" higher or lower than any other point on the surface within 20 feet, or proportional multiples of the preceding dimensions.

C. Moisture Test

Moisture Emission:

1. On concrete use the Calcium Chloride Moisture Emission Test. Test must be conducted in accordance with ASTM-F1869. The moisture emission results must not exceed 8.0 pounds, the installation should not proceed until the problem has been corrected. Relative humidity should not exceed 95%. Be sure to record your results and keep them for your own records.

2. When testing floor for alkalinity ASTM F710 it must be 7.0 to 10.0 PH to be acceptable. (Mopping with a vinegar/water solution of 1 pint of vinegar to 2 gallons of water can sometimes reduce a higher PH.)

WARRANTY NOTE: It may not be the floor covering installer's responsibility to conduct the tests listed above. It is, however, the floor covering installer's responsibility to make sure these tests have been conducted and that the results are acceptable prior to installing the floor covering. When moisture tests are conducted, it indicates the conditions only at the time of the test.

E. Radiant Heating System

1. Sound-Tec may be installed over Radiant Heating Systems.

2. Several days prior to installing resilient products over newly constructed radiant heated systems, make sure the radiant system has been on and operating at maximum temperature to reduce residual moisture within the concrete.

3. Radiant-Heated sub straights may not exceed a maximum surface temperature of 85°F



WARNING! DO NOT SAND, DRY SWEEP, DRY SCRAPE, DRILL, SAW, BEAD-BLAST OR MECHANICALLY CHIP OR PULVERIZE EXISTING RESILIENT FLOORING, BACKING, LINING FELT, ASPHALT "CUTBACK" ADHESIVES OR OTHER ADHESIVES.

These products may contain either asbestos fibers and/or crystalline silica. Avoid creating dust. Inhalation of such dust is a cancer and respiratory tract hazard. Smoking by individuals exposed to asbestos fibers greatly increases the risk of serious bodily harm. Unless positively certain that the product is a non-asbestos-containing material, you must presume it contains asbestos. Regulations may require that the material be tested to determine asbestos content and may govern the removal and disposal of material. See current edition of the Resilient Floor Covering Institute (RFCI) publication Recommended Work Practices for Removal of Resilient Floor Coverings for detailed information and instructions on removing all resilient covering structures. For current information go to www.rfci.com

Installing Over Resilient Floor Covering

Existent Resilient Floor Covering Must Be:

1. Single layered, non-cushion backed, fully adhered and smooth.
2. Free of moisture or alkalinity.
3. Free of waxes, polishes, grease or grime.
4. Free of cuts, cracks, gouges, dents or other irregularities.
5. Do not install over rubber based substrates.

NOTE: The responsibility of determining if the existing flooring is suitable to be installed over top of with resilient, rests solely with installer/flooring contractor on site. If there is any doubt as to suitability, the existing flooring should be removed, or an acceptable underlayment installed over it. Installations over existing resilient flooring may be more susceptible to indentation.

Underlayment

Some Sound-Tec products already have attached pad underlayments, some do not.

- If an underlayment is already attached, no other underlayments are necessary. If an additional underlayment is desired the density of it must be at least 62lbs. Per cubic foot and must have a thickness of .056"(1.42mm) or less. Urban Surfaces offers "Whisper Step" underlayment which meets these requirements.
- If no underlayment is attached to the Sound-Tec product, then rolled out underlayments must be a maximum of 2mm thick and within a range of 40 – 100 kilograms per square meter in density. Underlayments that fall outside of these ranges may undermine the Sound-Tec clip system and will therefore void the warranty. Acceptable underlayment types are cork, rubber, and various types of foam.



Quarry Tile, Ceramic Tile, Poured Floors (Epoxy, Polymeric, Seamless):

Existing Tile Must Be:

1. Totally cured and well bonded to the concrete.
2. Free of any residual solvents and petroleum derivatives.
3. Free of waxes, polishes, grease, grime and oil.
4. Show no signs of moisture or alkalinity.
5. Free of cuts, cracks, gouges, dents, and other irregularities.
6. Flat. Fill any low spots, holes, chips and seams that may telegraph through the new flooring.
7. Smooth. Grind any highly polished or irregular/smooth surfaces. Quarry tile or Ceramic tile grout joints and textured surfaces must be filled with an embossing leveler or substrate manufacturer approved material.



Use the Right Tools for the Job

✓	Tool Checklist
	Safety Glasses
	Knee Pads
	Floor Scraper
	Chalk / Chalk Line
	Expansion Spacers
	Paper and Pencil
	Tape Measure
	Straight Edge / Square
	Pull Bar
	Mineral Spirits
	Razor Knife with Additional Blades
	Tapping Block
	Broom and Dustpan
	Marking Pen
	Hammer and Nails
	LVT Cutter (Optional)
	Hand Saw (Optional)
	Power Saw (Optional)



Installation

24 Hours

1. Sound-Tec flooring is more dimensionally stable than typical floating wood or vinyl based flooring products. Acclimation of Sound-Tec flooring is generally not required. However, Sound-Tec flooring subjected to extreme hot or cold conditions can cause the material to become too flexible or rigid, making the material difficult to install and potentially causing damage to the locking system. Optimum material temperature range for installation is 50F - 90F.
2. Use the acclimation time to unpack the planks and inspect the product. Look for visual defects. It is always wise to order 5% to 10% more than the required square footage to account for damaged planks, waste and spares for future repairs.

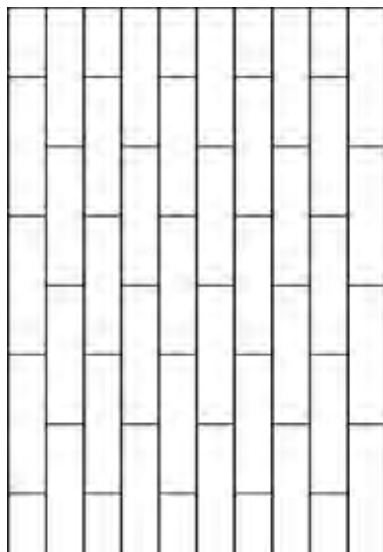
WARRANTY NOTE: Urban Surfaces does not warrant against shrinkage or expansion of any type.

Layout

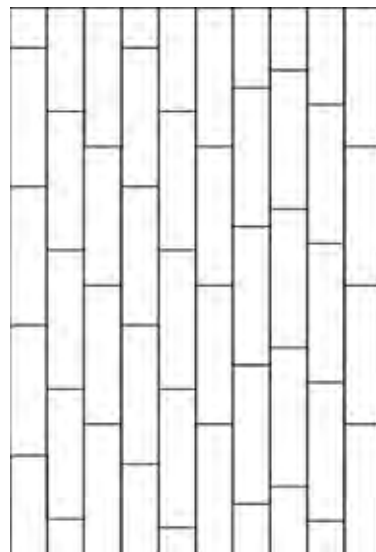
Plan:

1. Before you start with the installation, it is important to determine the layout of the flooring. Proper planning and layout will prevent having narrow plank widths at wall junctures or very short length pieces at the end of rows.
2. To minimize pattern repeats in the floor, always pull from at least three cartons of flooring while installing and pay attention to the pattern on the planks. For best aesthetics, make sure to not place planks with the same pattern too close together. A "random look" actually has to be installed very intentionally.

Uniform:



Random:





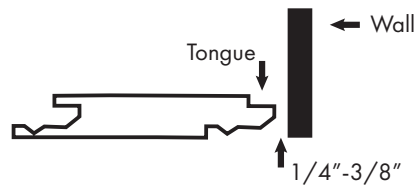
Align with Longest Wall:

4. Sound-Tec flooring is more dimensionally stable than typical floating wood or vinyl based flooring products. Acclimation of Sound-Tec flooring is generally not required. However, Sound-Tec flooring subjected to extreme hot or cold conditions can cause the material to become too flexible or rigid, making the material difficult to install and potentially causing damage to the locking system. Optimum material temperature range for installation is 50F - 90F.

Layout the First Row

1. Installation of the product must start from the left side of the room, working to the right.

2. Lay the first full piece with the long tongue side facing the wall.



3. Install the subsequent piece in the first row by first angling the tongue down into the receiving groove to align the edges then lay the plank flat so the end joints come together tightly. Continue row and cut last piece to fit, maintaining the necessary expansion gap.



4. The planks should come together nicely, but to be sure, gently use a pull bar and tap the end of the second plank towards the first plank to ensure a tight fit.

5. Use spacers along all sides that butt up against walls to maintain a $1/4'' - 3/8''$ expansion zone.

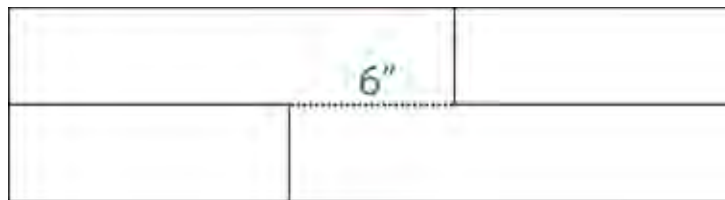
6. Continue laying planks in the first row in this fashion until you need to cut the last piece.



7. Measure the distance between the wall and the face surface of the last plank. Subtract $3/8"$, and cut the plank.
8. If this distance is less than 6" go back to the first full plank and cut approximately 6" from the end closest to the starting wall. This will leave a longer piece at the end of the first row.

Laying Remaining Rows

Whenever practical, use the piece cut from the preceding row to start the next row. End joints of all planks should be staggered 6" or more.



1. Working left to right, place the long edge of a new plank into the receiving groove of the plank in the previous row. Angle down and lay plank flat. Maintain a minimum end joint stagger of 6" throughout the installation process.



2. Work the tongues of the planks into the receiving grooves of adjoining planks by first connecting the short edges followed by the long edges. Continue until the plank lays flat and the joints are tight. If small joint gaps appear, close them by gently using a tapping block and hammer. Install the remaining material, one row after the other. Always press, tap and square as you go.

1
short
end



2
long
end





3. Continue installing full planks in the second and subsequent rows in this way.
4. The last row in the installation may need to have some width cut off it.
5. Remember to use a 1/4" - 3/8" spacer against the wall to ensure the correct gap needed for expansion.

Cutting

When using a Hand Saw:

1. Cut with the decorative side of the plank facing up.
2. Use a square to keep your cut line straight.

When using a Power Saw:

1. A good quality carbide-tipped cutting blade that has been designed for composition and laminate materials such as melamine, core-board, or other hard, dense, man made materials is recommended.
2. Cut with the decorative side of the plank facing up.
3. Use a square to keep your cut line straight.

Install Moldings

Baseboards / Base shoe

1. Protect all exposed edges of the flooring by installing wall molding and/or transition strips. Make sure that no plank will be secured in any way to the sub floor. Sound-Tec needs to be able to expand / contract based on various atmospheric conditions. Do not fasten wall moldings to the planks.



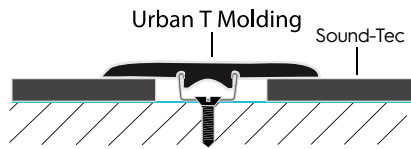
Other Moldings

T-Molding:

Use T-Moldings on any continuous run of over 40 feet.

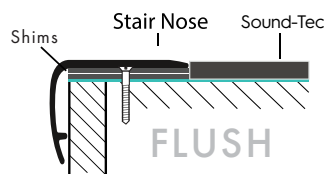
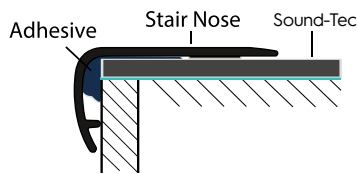
Wood Door jambs: Use T-Moldings at every door threshold when there is a run of 40' or more. Undercut all door jambs so the Sound-Tec product can free float and has at least 1/4" for expansion on all sides.

Metal Door jambs: Use T-Moldings at every door threshold. Allow the planks to free float under moldings.



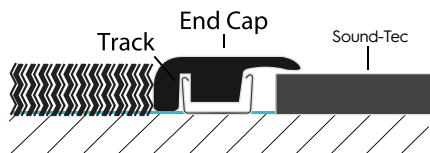
Stair Nose:

Use a Stair Nose to round the edge of a stair.



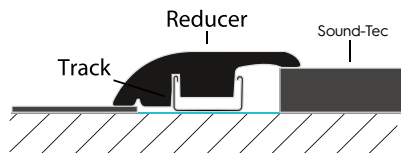
End Cap:

Use an End Cap to transition from laminate to carpet, fireplaces, sliding doors or to end a floor.



Reducer:

Use a Reducer to smoothen a gap between two floors that are not level.



Cabinets:

Install permanent cabinets, vanities, inland counters and similar items first, then fit Sound-Tec around them, leaving a space for expansion and contraction.

Caulking:

Do not caulk in the floor around the perimeter as this does not allow for the movement that the floor requires. Use silicon caulking at doorways or wet areas that remain flexible, allowing product to contract and expand freely.

Proper Moldings:

Use proper moldings such as end-caps, reducers, T-moldings, tub moldings, and base shoe where necessary (next to sliding glass doors, bath-tubs, etc.)

**GOLDEN APARTMENTS
URBAN SURFACES
DOWNSTAIRS FLOORING**



**CLOUD
7020**

Line: Level 7
Installation: Glue Down
Edge: Beveled
Size: 7" x 48"
Thickness: 3 mm
Wear Layer: 20 mil



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THE **MODERN FLOORING** SOLUTION

INSTALLATION GUIDE:

GLUE-DOWN LUXURY VINYL TILE

In any floor covering installation there are six basic requirements to insure a proper long lasting and attractive floor. These requirements are the same for Urban Surfaces Commercial and residential products.

1. Choose the Appropriate Product for the Job.....(1)
2. Conduct Proper Product Inspection.....(2)
3. Ensure Job-Site is Ready for Flooring.....(3)
4. Conduct Proper Subfloor Preparation.....(4-10)
5. Use the Right Tools for the Job.....(11)
6. Install Product per Installation Guide.....(12-21)

1. Choose the Appropriate Product for the Job

1. Always select the proper product for the job, which you plan to install. Do not use a residential product for a commercial installation. Urban Surfaces' luxury vinyl tile line, **Urban Luxury Flooring (ULV)**, offers an unparalleled selection of some of the most beautiful and practical flooring available anywhere. Flooring products are a long-term investment. Choose wisely.



2. Conduct Proper Product Inspection

Defects:

1. Ensure that **Urban Luxury Flooring (ULF)** comes in its original packaging and is free from any visible damage or defects.
2. Check all material for correct color, design, size, and that the correct quantity is available to finish the job.
3. All products should be visually inspected before installation for color and style, to minimize possible shade variations mix flooring from several different cartons upon installation.

WARRANTY NOTE: Urban Surfaces warrants that flooring products shall be free from visual defects. *Do not install Urban Surfaces' products with visual defects. The installation of defective flooring is the error of the installer, therefore, no extra labor, material, or shipping costs will be paid by Urban Surfaces due to installation errors. (Refer to warranty for specifics)



3. Ensure Job-Site is Ready for Flooring

Clean Area:

1. Areas to receive Urban Surfaces flooring must be clean, fully enclosed, well lit, and weather tight.

Temperature & Humidity

2. The permanent HVAC system set at a minimum room temperature of 65°F and a maximum of 95°F for 48 hours prior to, during and after the installation. The floor temperature should stay between 60°F and 95°F before, during, and after installation.
3. While 60°F - 95°F is the normal temperature range for ULV, it is crucial that the temperature range must be between 60°F - 80°F for 72 hours after installation. Failure to maintain the correct temperature range may result in shifting planks, as the adhesive has not fully cured until after this period.
4. A relative humidity **range between 30-60%** for at least 72 hours is required before, during, and after installation.
5. ULV is to be installed inside a climate-controlled structure. Urban Surfaces' products are not designed to be installed outdoors and the installation of them outdoors will void all warranty.

Job Scheduling:

6. The installation should not begin until the works of all other trades have been completed, especially overhead trades.



4. Conduct Proper Subfloor Preparation

Prepare Subfloor:

1. No floor covering installation is better than the sub-floor over which it is installed. The preparation of the Sub-Floor is one of the most important parts of the installation process. The quality of the sub-floor will affect the levelness and durability of the flooring.
2. If the old flooring must be removed, make sure it is done properly and responsibly.
3. The sub-floor should be weather tight, rigid, finished smooth, clean and free of cracks, moisture, paint, oil, dust, solvents, sealers, old adhesive, and adhesive remover. If unable to remove all adhesive, it should be covered with a minimum of 1/8-inch cement based underlayment.
4. All cracks and holes should be filled with a non-shrinking water resistant Portland Cement Patching Compound or Floor Leveler.
5. The responsibility for determining the suitability of the sub-floor rests solely with the flooring installer.

Urban Surfaces does not manufacture floor patch, and therefore does not warrant its performance. Be sure to refer to the correct floor patch manufacturer's installation instructions that is being used in your particular installation.

A. Concrete/ Lightweight Concrete Sub-Flooring

Clean Surface:

1. Surfaces must be clean, dry and flat; free of voids, projections, loose materials, oil, grease, sealers and all other surface contaminants.
2. Mechanically remove all surface contaminants by grinding or scarifying the substrate if necessary.



Floor Patching:

3. Surface areas requiring patching or leveling must be treated using Web-Crete 95 or equivalent product. Refer to the technical data sheets for these products for proper installation.

Surface Texture:

4. Concrete substrate should NOT be smooth and reflective; it must have a surface profile of CSP 1-3 (similar to a light broom finish) as defined by CRI (International Concrete Repair Institute, Guideline No. 03732).
5. It is advisable to test for adequate substrate texture in several areas throughout the job site by sprinkling droplets of water onto the slab. The drops of water should show signs of penetrating the substrate within one minute. This is evidenced by a water stain on the concrete without a "domed" droplet. If no signs of water penetration are shown within one minute and "domed droplets" remain (similar to drops on a car hood) the substrate will need to be mechanically textured.

Concrete Strength:

6. Concrete shall have a minimum compressive strength of 3000 psi.

Surface Flatness:

7. Surfaces need to be as flat as possible; to ensure visual aesthetics, and to keep wear-down from happening prematurely as higher points will wear faster.
8. Variations in subfloor flatness should not exceed 3/16" in 10' (4.76 mm in 3.05 m) or 1/8" in 6' (3.17 mm in 1.83 m). Level floors with a suitable cement-based self-leveling underlayment following the manufacturer's recommended guidelines.

B. Wood Sub-Flooring

Structurally Sound:

1. Wood subfloors must be structurally sound and in compliance with local building codes.
2. Wood subfloors, if suspended off grade, should be a minimum of 18" of well-ventilated air space below.
3. Wood subfloors directly fastened to concrete, or sleeper construction, are not recommended.



4. APA rated Sturdi-Floor panels are designed as combination subfloor/underlayment, but exposure to construction conditions including weather may necessitate installation of a 1/4" underlayment panel prior to resilient flooring installation.
5. Urban Surfaces flooring is not recommended directly over fire-retardant treated plywood or preservative treated plywood. The materials used to treat the plywood may cause problems with adhesive bonding. An additional layer of APA rated 1/4" thick underlayment should be installed if this is the case.
6. Not for use over particle board, chip wood, Luan or pressboard

Floor Flatness:

7. A floor flatness tolerance is cited in the "Performance Standards for Wood Floors" published by the National Association of Home Builders. This states that floors shall not have more than 1/4 - inch ridge or depression within any 32 - inch measurement when measured parallel to the joists; and that no point on the surface of a wood floor shall be more than 1/2" - inch higher or lower than any other point on the surface within 20 feet, or proportional multiples of the preceding dimensions.

C. Concrete Moisture Allowances

Moisture Content in a concrete subfloor is critical information to a successful installation. Make sure to understand the allowable ranges of the adhesive being used on the installation in these 3 key areas:

- Moisture Emission Level (Calcium Chloride Test)
- Relative Humidity (RH) of the concrete (RH test)
- PH of the concrete (PH Test)

Urban 3010 -

Moisture Emission Level - 10 lb/1000 sq ft /24 hours (3.6 kg/93 sq m/24 hours)

Relative Humidity (RH) - 97% RH.

PH Level - Between 5-9. Corrective action must be taken if below 5 or above 9.

Urban 3020 -

Moisture Emission Level - 10 lb/1000 sq ft /24 hours (3.6 kg/93 sq m/24 hours)

Relative Humidity (RH) - 95% RH.

PH Level - Between 5-9. Corrective action must be taken if below 5 or above 9.

If your installation is not using Urban 3010 or Urban 3020, then adhere to the LVT adhesive manufacturer's allowable moisture ranges.



D. Adhesive Test

1. To determine if a subfloor is compatible to Taylor Adhesives, the recommended adhesive manufacturer, or to determine if the porous or non-porous adhesive application method is required, use this test:

Using the flooring and adhesive suitable for the subfloor, install a 2'x2' section following the recommended installation procedures. Select areas next to walls, columns, or other light traffic areas. Tape the perimeter with duct tape to prevent edge drying of the adhesive. After 48 hours, the adhesive should be dry and the flooring should be difficult to remove. Note: the adhesive is dry at this point - but not cured. Full cure and maximum bond does not occur for 6-8 days. On large installations, tests should be taken every 50 feet. Bond testing may take some time to complete, but the cost and time involved in a floor failure are considerably more.

WARRANTY NOTE: It may not be the floor covering installer's responsibility to conduct the tests listed above. It is, however, the floor covering installer's responsibility to make sure these tests have been conducted and that the results are acceptable prior to installing the floor covering. When moisture tests are conducted, it indicates the conditions only at the time of the test.

E. Radiant Heating System

1. ULV may be installed over Radiant Heating Systems.
2. Several days prior to installing resilient products over newly constructed radiant heated systems, make sure the radiant system has been on and operating at maximum temperature to reduce residual moisture within the concrete.
3. At the time of installation, be sure that the temperature is in a range that the adhesive manufacturer will allow.
4. Radiant-Heated sub straights may not exceed a maximum surface temperature of 85°F



WARNING! DO NOT SAND, DRY SWEEP, DRY SCRAPE, DRILL, SAW, BEADBLAST OR MECHANICALLY CHIP OR PULVERIZE EXISTING RESILIENT FLOORING, BACKING, LINING FELT, ASPHALTIC "CUTBACK" ADHESIVES OR OTHER ADHESIVES.

These products may contain either asbestos fibers and/or crystalline silica. Avoid creating dust. Inhalation of such dust is a cancer and respiratory tract hazard. Smoking by individuals exposed to asbestos fibers greatly increases the risk of serious bodily harm. Unless positively certain that the product is a non-asbestos-containing material, you must presume it contains asbestos. Regulations may require that the material be tested to determine asbestos content and may govern the removal and disposal of material. See current edition of the Resilient Floor Covering Institute (RFCI) publication Recommended Work Practices for Removal of Resilient Floor Coverings for detailed information and instructions on removing all resilient covering structures. For current information go to www.rfci.com

Installing Over Resilient Floor Covering

Existing Resilient Floor Covering Must Be:

1. Single layered, non-cushion backed, fully adhered, and smooth.
2. Free of moisture or alkalinity.
3. Free of waxes, polishes, grease or grime.
4. Free of cuts, cracks, gouges, dents or other irregularities.
5. NOT installed over rubber based substrates.

NOTE: THE RESPONSIBILITY OF DETERMINING IF THE EXISTING FLOORING IS SUITABLE TO BE INSTALLED OVER TOP OF WITH RESILIENT, RESTS SOLELY WITH INSTALLER/ FLOORING CONTRACTOR ON SITE. IF THERE IS ANY DOUBT AS TO SUITABILITY, THE EXISTING FLOORING SHOULD BE REMOVED, OR AN ACCEPTABLE UNDERLAYMENT INSTALLED OVER IT. INSTALLATIONS OVER EXISTING RESILIENT FLOORING MAY BE MORE SUSCEPTIBLE TO INDENTATION.



Quarry Tile, Terrazzo, Ceramic Tile, Poured Floors (Epoxy, Polymeric, Seamless):

Existing Tile Must Be:

1. Totally cured and well bonded to the concrete.
2. Free of any residual solvents and petroleum derivatives.
3. Free of waxes, polishes, grease, grime, and oil.
4. Show no signs of moisture or alkalinity.
5. Free of cuts, cracks, gouges, dents, and other irregularities.
6. Free of low spots, holes, chips and seams that may telegraph through the new flooring.
7. Smooth. Grind any highly polished or irregular/smooth surfaces. Quarry tile or Ceramic tile grout joints and textured surfaces must be filled with an embossing leveler or substrate manufacturer approved material.

Old Adhesive Residue:

If the adhesive residue is asphalt-based (cut-back), or any other type of adhesive is present, a self-leveling Portland based underlayment may be applied over it. Check with a substrate manufacturer for suitability, application instructions, and warranties.

Never use solvents or citrus adhesive removers to remove old adhesive residue. Solvent residue left in/on the sub-floor may affect the new adhesive and floor covering.

WARNING: SKIM COATING OVER OLD ADHESIVE IS NOT RECOMMENDED. THE ADHESIVE MAY BREAK DOWN AND COULD LEAD TO FAILURE. THE OLD ADHESIVE MAY NOT ALLOW THE RESILIENT FLOORING TO RETAIN ITS DIMENSIONAL STABILITY, POSSIBLY LEADING TO UNNECESSARY INDENTATIONS. SOME SOLVENT BASED 'CUT-BACK' ASPHALT-BASED ADHESIVES MAY CONTAIN ASBESTOS FIBERS THAT ARE NOT READILY IDENTIFIABLE. DO NOT USE POWER DEVICES, WHICH CAN CREATE ASBESTOS DUST IN REMOVING THESE ADHESIVES. THE INHALATION OF ASBESTOS DUST MAY CAUSE ASBESTOSIS OR OTHER SERIOUS BODILY HARM.



5. Use the Right Tools for the Job

✓	Tool Checklist
	Safety Glasses
	Knee Pads
	Floor Scraper
	Trowel - (check glue manufacturer's requirements)
	Chalk / Chalk Line
	Paper and Pencil
	Tape Measure
	Straight Edge / Square
	Clean Rags / Water
	Mineral Spirits
	Razor Knife with Additional Blades
	100 lb. Roller / Hander Roller
	Broom and Dustpan
	Marking Pen
	Hammer and Nails
	LVT Cutter (Optional)



6. Installation

Acclimation Period

24 Hours:

1. Before starting the installation, allow the planks to acclimate in the room for at least 24 hours. Vinyl flooring can expand and contract according to humidity and temperature levels in the room. Vinyl flooring has the potential to expand or contract after it has been installed if room conditions are not controlled properly. This could cause the floor planks to separate or buckle.
2. Use the acclimation time to unpack the planks and inspect the product. Look for visual defects. It is always wise to order 5% to 10% more than the required square footage to account for damaged planks, waste and spares for future repairs.

Layout

Plank:

Plan:

1. Before you start with the installation, it is important to determine the layout of the flooring. Proper planning and layout will prevent having narrow plank widths at wall junctures or very short length pieces at the end of rows.

Align with Longest Wall:

2. For aesthetic purposes, it's best to lay the planks in the same direction as the longest straight wall. If, however, you have matching flooring in an adjoining room, it is best to install new flooring in the same direction. Lay the planks in the direction of incoming light for square rooms if possible.

Mark the Floor:

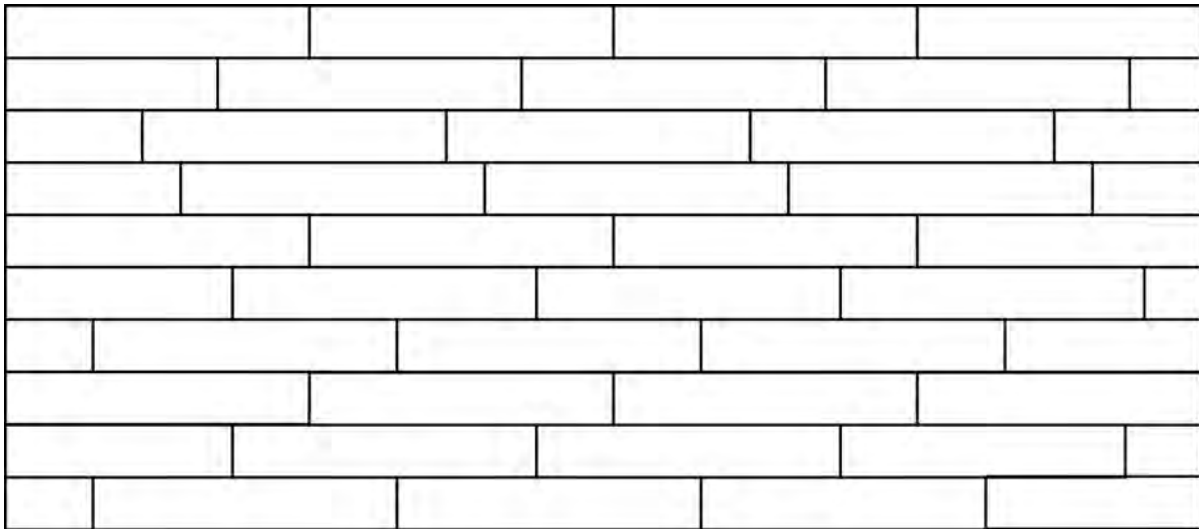
3. Make two marks 24" out from the (longest) wall and strike a chalk line between them. Follow the same step on an adjacent wall to create an intersection between the two lines.

TIP: Use a Sharpie to make your chalk line more visible.

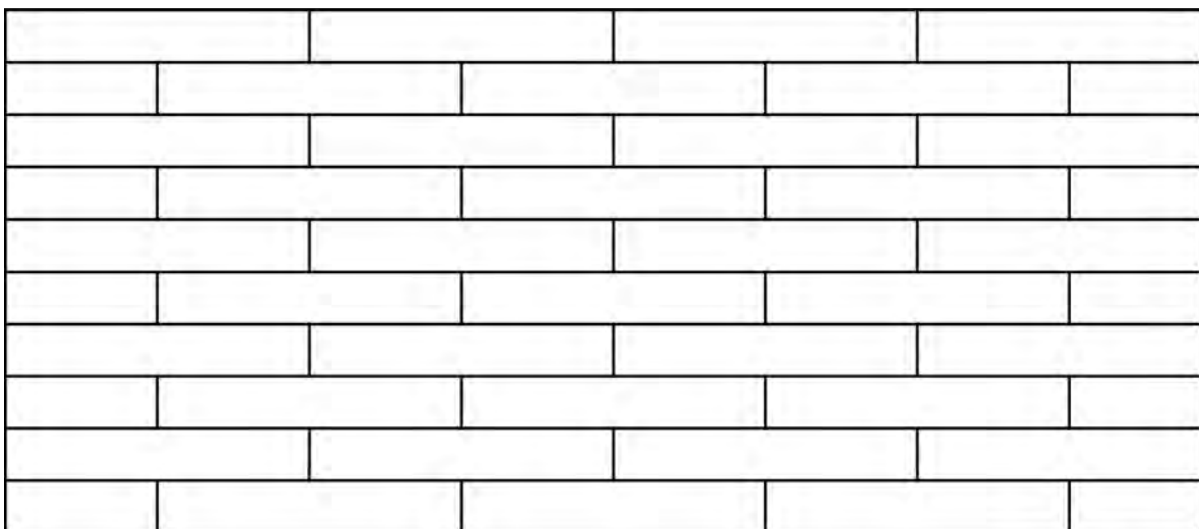


Plank Layout

Random:

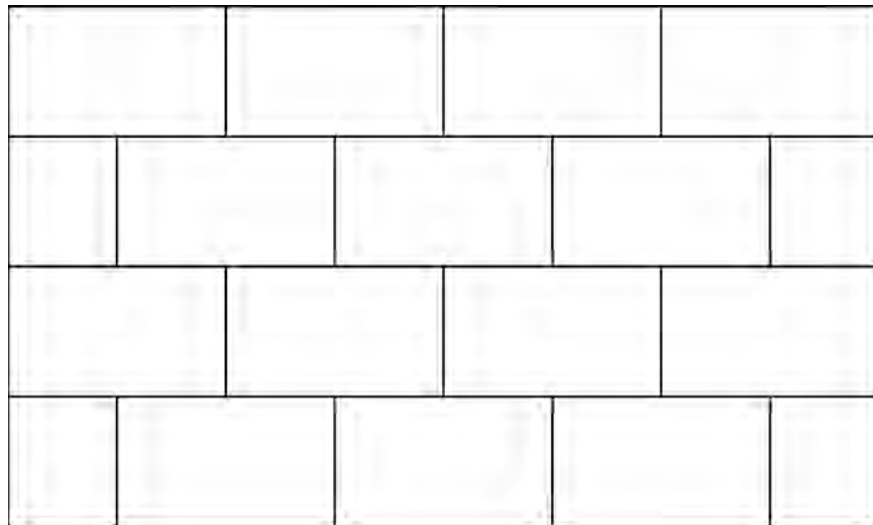


Uniform:

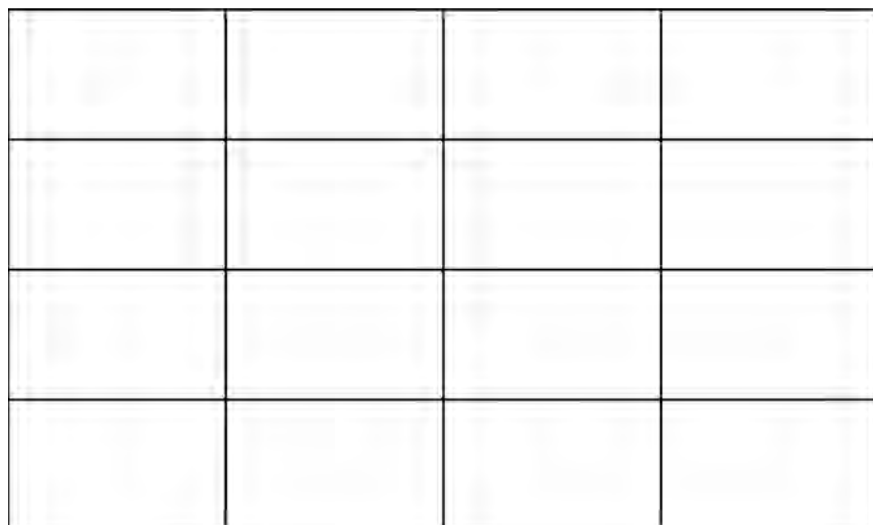


Rectangular Tile layout

Subway:

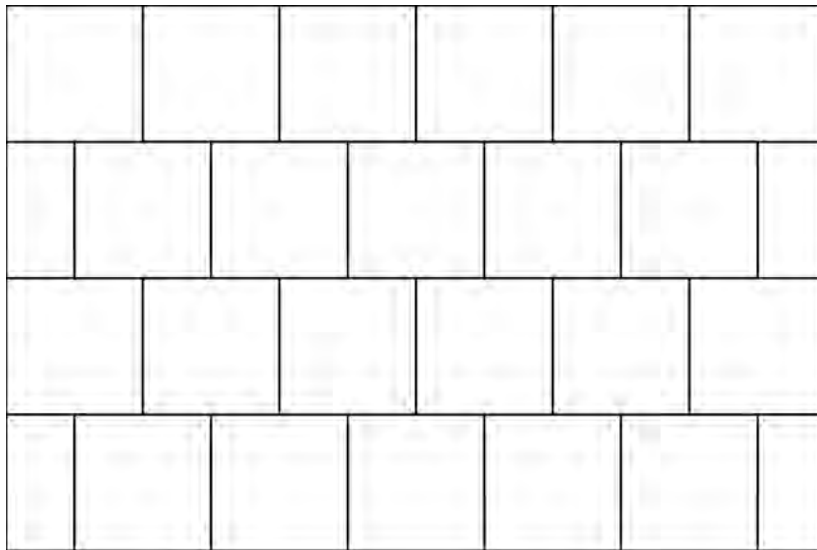


Traditional:

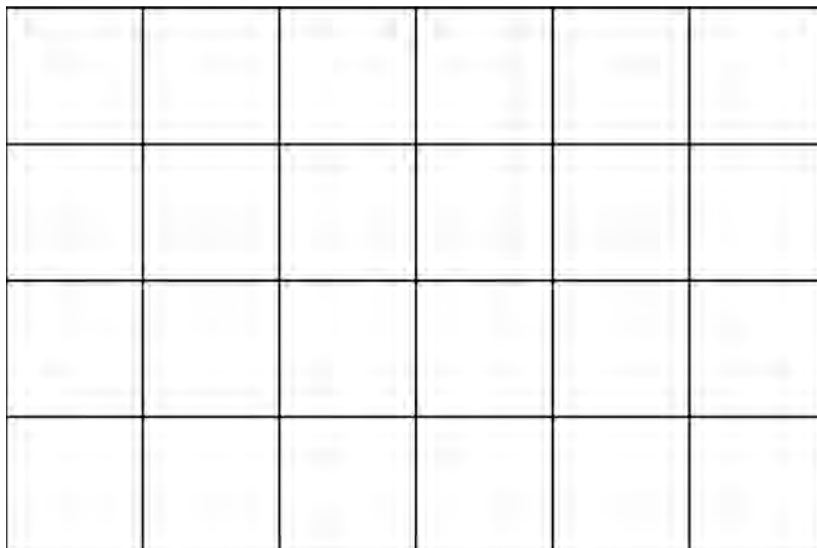


Square Tile Layout

Subway:



Traditional:

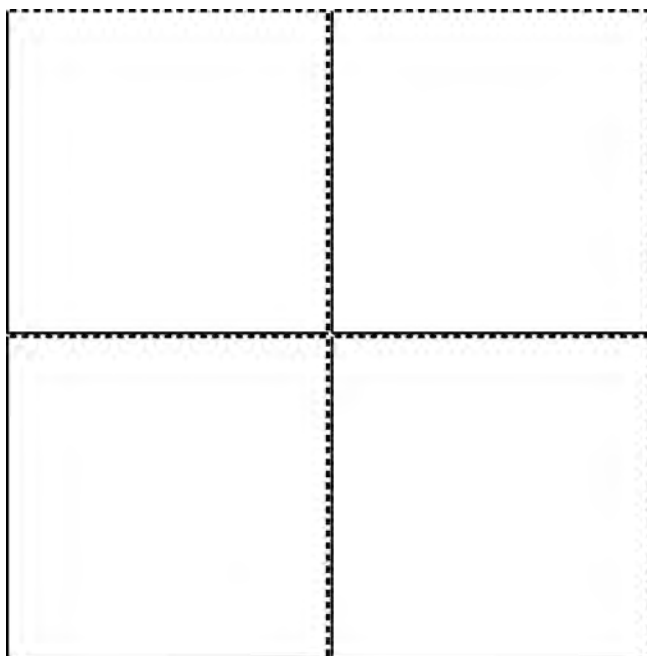




Tile with Grout Lines

L-Edge Grout Line:

1. ULV Tiles may have an L-edge grout line.
2. Make sure to lay all tile floor with grout lines in the same direction to keep a single grout line on all four sides of the tile.



Adhesive

The recommended adhesive to be used with Urban Surfaces glue down LVT products is either “Urban 3010” or “Urban 3020”. This In general, Residential applications will receive Urban 3010 while Commercial applications will receive Urban 3020. The expected amount of foot traffic will help determine which product is to be used.

NOTE: *Which adhesive to use is at the discretion of the installation party. Urban Surfaces can be contacted to help consult and provide advice as to which product to be used.*



Urban 3010

Recommended for: Residential environments

Load: Light- Medium Foot Traffic

Dry Time: 30-60 minutes (depending on site conditions, temperature, etc.)

Appearance: Smooth, creamy, easy to trowel. Mint colored when wet, Teal colored when dry.

Working time: 12 hours depending on temperature and humidity.

Shelf Life: One year in unopened container at 70° F (21.10° C).

INSTALLATION:

1. Prepare the substrate in accordance with substrate preparation instructions.
2. Acclimate the adhesive, substrate, and floor covering at a temperature of 65°F-95°F (18°-35°C) and relative humidity (RH) of 30-60% for 72 hours before, during and after the installation.
3. Apply Urban 3010 with the recommended trowel to the approved substrate.
4. Apply with the recommended trowel, allow to dry completely from Mint colored when wet to Teal Green when dry (from lighter green to darker green).
5. To use as a pressure sensitive adhesive, dry to a tacky state and then install flooring within 12 hours.
6. Drying time is 30-60 minutes and will vary depending on temperature and humidity. Installation over areas of incomplete drying can result in job failure.
7. Complete the job by rolling the floor with a 75-100 lb roller. Work from the center towards the edges to expel trapped air and ensure 100% contact with the adhesive. Check flooring once again after 2 hours and roll again if necessary.
8. Restrict light traffic for 24 hours and heavy traffic and/or rolling loads for a minimum of 48 hours. Do not wet mop the floor for 72 hours after completed installation.

Note: It is the sole responsibility of the contractor/installer to determine the proper porosity of the subfloor, apply the proper amount of adhesive and ensure that all instructions, procedures, and practices are strictly adhered to.

CLEANUP: When dry use appropriate solvent cleaner, such as denatured alcohol or mineral spirits.



Urban 3020

Recommended for: Commercial environments

Load: Heavy Foot Traffic

Dry Time: 45-90 minutes (depending on site conditions, temperature, etc.)

Appearance: Smooth, creamy, easy to trowel. Yellow colored when wet, tan colored when dry.

Working time: 3 hours depending on temperature and humidity.

Shelf Life: One year in unopened container at 70° F (21.10° C).

INSTALLATION:

1. Prepare the substrate in accordance with substrate preparation instructions.
2. Acclimate the adhesive, substrate, and floor covering at a temperature of 65° F-95° F (18° -35° C) and relative humidity (RH) of 30-60% for 72 hours before, during and after the installation.
3. Apply Urban 3020 with the recommended trowel to the approved substrate.
4. Apply with the recommended trowel, allow to dry completely from Yellow when wet to Tan when dry.
5. To use as a pressure sensitive adhesive, dry to a tacky state and then install flooring within 12 hours.
6. Drying time is 45-90 minutes and will vary depending on temperature and humidity. Installation over areas of incomplete drying can result in job failure.
7. Complete the job by rolling the floor with a 75-100 lb roller. Work from the center towards the edges to expel trapped air and ensure 100% contact with the adhesive. Check flooring once again after 2 hours and roll again if necessary.
8. Restrict light traffic for 24 hours and heavy traffic and/or rolling loads for a minimum of 48 hours. Do not wet mop the floor for 72 hours after completed installation.

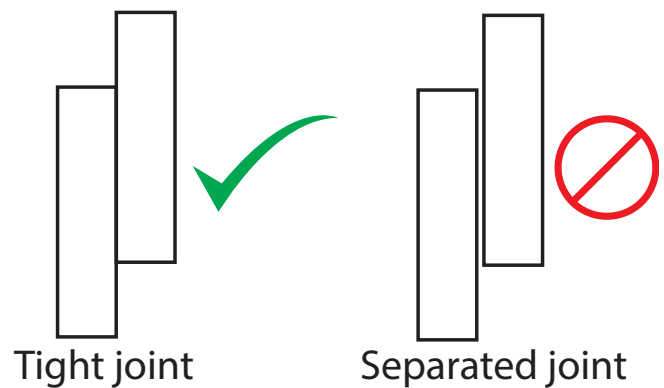
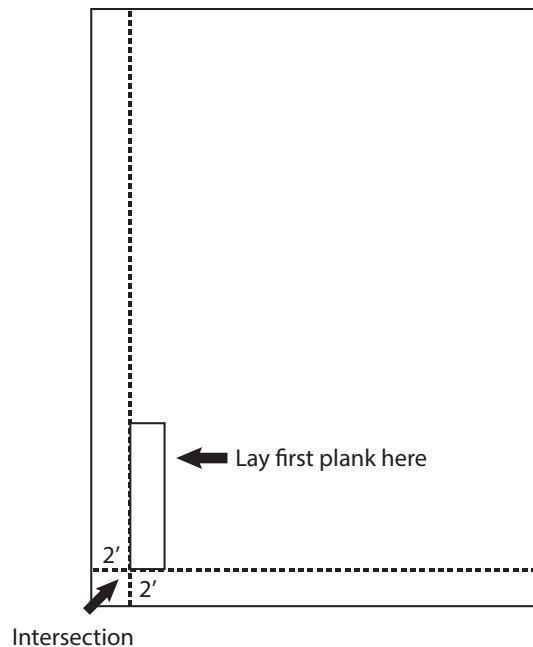
Note: It is the sole responsibility of the contractor/installer to determine the proper porosity of the subfloor, apply the proper amount of adhesive and ensure that all instructions, procedures, and practices are strictly adhered to.

CLEANUP: When dry use appropriate solvent cleaner, such as denatured alcohol or mineral spirits.

Laying the First Row

Place at Junction:

1. Carefully place the first plank at the junction of the chalk lines. Continue to lay the row, making sure each plank is flush against the chalk line and tight against the adjoining plank. Make sure the plank is well seated into the adhesive paying special attention to the edges.



Finish Full Row:

2. Measure the distance from the last plank in the row to the wall. Transfer that measurement to a plank and cut it. Lay the plank in place, making sure that the cut edge is against the wall.



Cutting the Material

Using a razor knife:

1. Using a square as a straight-edge guide, press firmly with a razor knife to score the line (be careful not to cut yourself when using a razor knife). Lift the plank and bend it back and forth with the scored line as the fulcrum. The product should break cleanly on the scored line. Use the appropriate piece to finish the row.

TIP: Save the cut piece to be used as a starter plank on a new row if possible. Waste is greatly minimized with this method.

Using a LVT Guillotine Cutter:

2. Using the fence as a straight-edge, place the plank under the guillotine. Hold the plank against the fence, making sure that the plank won't be cut at an angle. Keep your fingers clear of the blade and cut the plank face up to the desired length.

TIP: Be sure to use a sharp guillotine blade, to avoid jagged cuts.



Cutting Around Irregular Objects

Use a Utility Knife:

1. When fitting around obstacles or into irregular spaces, planks can be cut easily and cleanly using a utility knife with a sharp blade.

Use a Template:

2. It is often beneficial to make a cardboard template of the area and transfer this pattern to the plank.

Hand Roll:

3. Be sure to roll with a hand roller in areas where large 100 lb. rollers have difficulty reaching.

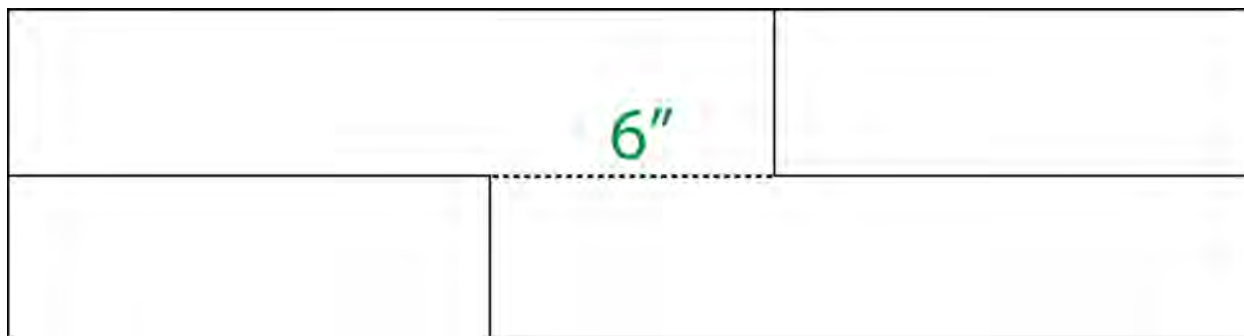
Toilets

1. When installing ULV in restrooms, toilets will need to be removed. (The steps for removing the toilet are not the expertise of Urban Surfaces).
2. Once the toilet has been removed, use the same method of cutting around irregular objects to cut around the wax ring.
3. Re-install toilet per toilet manufacturer's instructions.



Field Rows

1. Stagger the planks in a random fashion making sure no two planks which are visually identical are installed next to each other or in close proximity.
2. Lay the following rows in a random installation.
3. Adjacent rows should be stepped at least 6" between end joints.





Finishing the Installation

Roller:

1. **Urban Luxury Flooring** should be rolled in both directions with a **75-100-pound** roller within 10 minutes after installation and again 20 to 30 minutes after installation. As soon as possible after installation remove all adhesive on the surface before rolling to avoid spreading the adhesive over the tile. The more rolling the better. Be sure to roll the product in many different directions to ensure good glue transfer. Roll the floor during installation when every 200 square feet or so are installed. Upon completion of the installation, be sure to roll and cross roll the floor as a final step.

Hand Roller:

2. Use a hand roller in areas not reachable with a 100-lb. roller.

Remove Excess Adhesive:

3. Depending on which adhesive was used, follow manufacture's direction on removing excess adhesive before it dries, using soap and water, denatured alcohol, or mineral spirits.

Wax:

4. If a coat of wax is desired it can be installed once floor has been swept clean and all adhesive has been removed from the surface of the product. Be sure to read and follow floor wax manufacturer's instructions.

Window Coverings:

5. Use blinds, curtains, or other window coverings to ensure that any LVT is not subject to direct sunlight. Exposure to direct sunlight may heat the floor to temperatures greater than the mandated temperature range of 65F - 95F, causing the floor to expand and contract.

WARRANTY NOTE:

Urban Surfaces does not warrant shrinkage or expansion of the product. That is an installation issue, and therefore out of the control of Urban Surfaces.



THE MODERN FLOORING SOLUTION

Maintenance & Care Guide

Dry Cleaning:

- Use a doormat and area rugs to keep dust and debris at a minimum.
- Sweep regularly with a soft bristled broom.
- Vacuum regularly with a non-marking vacuum with soft rollers or wheels.
- Do not use vacuums with beater-bars.

Wet Cleaning:

- If flooring needs to be mopped or scrubbed use warm water and a mop or soft scrub brush. Use soapy water for a deeper clean.
- If further cleaning is needed add a solvent-free cleaner to the warm water. Use cleaner as directed on the bottle (cleaners with heavy solvents will strip the shine off of the floor)
- Steam mops may also be used

Floor Protection:

- Provide smooth, non-staining felt chair pads. Place beneath legs of heavy furniture and equipment to spread the weight load and to reduce indentations and limit scratches and damage.
- Remove small diameter "buttons" from the ends of the chair legs and substitute felt chair pads.
- All rolling chairs should only be used over chair mats (use hard surface chair mats, NOT carpet chair mats).
- Avoid direct exposure to lit ends of cigarettes, lit matches and extremely hot areas of any material, as these can cause permanent burn marks and discoloration.
- Be aware that scratches and damage can occur from protruding nail-heads on undersides of footwear, and that severe abrasion can occur from sharp projections on undersides of loads that are pulled or pushed over flooring.
- Avoid tracking asphalt or tar from driveways in and onto the flooring. A chemical reaction may occur and cause a permanent stain on the flooring.
- Limit exposure time to direct sunlight to avoid possible discoloration. Use of sun-blocking window treatments is suggested.
- The extreme high forces exerted by women's stiletto style high heel traffic (dynamic loads of 1,000 psi or more) can visibly indent resilient floors. Such indentations will adversely affect performance and Urban Surfaces will NOT accept claims for indentations caused by heavy point loading.
- Hard plastic rollers of any color and black rubber rollers on any rolling object may stain vinyl flooring. They should be replaced with light colored, soft plastic rollers.

Waxing*:

- To add wear durability and maintain luster, apply Urban Surfaces "Clear-Coat" finish. **Order "Clear-Coat" wax finish with your next order.**
- Wax finishes are not necessary to the integrity and look of the luxury vinyl, but will enhance durability when applied.

**Waxing is not suitable or recommended for products with EZ-Clean such as City-Heights or High-Rise.*