PROSERIES LUXURY VINYL FLOORING

INSTALLATION & CARE GUIDE

RIGID CORE CLICK

Daltile | Dal-Tile Corporation
7834 C.F. Hawn Freeway
Dallas, TX 75217

TECHNICAL SERVICES
1.800.933.TILE

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CLICK INSTALLATION

Product Description	Grade Levels	Installation Method
Rigid Luxury Vinyl Flooring	Above, On and Below	**Click Lock**

KEY INSTALLATION CONSIDERATIONS

- Daltile® ProSeries™ LVF Rigid Click is intended for interior use only and is suitable for applications above, on, and below grade. **DO NOT** install in any outside areas, saunas, seasonal porches, camping trailers, boats, RVs, lanais, rooms that are prone to flooding, or rooms or homes that are not temperature-controlled.
- ProSeries LVF Rigid Click is a floating floor and should be allowed to expand and contract freely. It must not be glued, nailed, or fastened to the subfloor in any way. Permanent cabinets, vanities, islands and similar items should be installed first. Then, install the Rigid Click LVF around them, leaving the proper expansion gap. The product can be installed under vanities with legs and under toilets. Leave proper expansion space around the flange and use a premium waterproof 100% silicone caulk. Do not anchor toilet through the material.
- ProSeries LVF Rigid Click is a waterproof floating floor, but it should not be used to seal an existing floor from moisture. It does not inhibit the growth of mold or prevent structural problems associated with or caused by flooding, excessive moisture, alkalis in the subfloor or conditions arising from hydrostatic pressure. Regardless of location, always remove standing water and other liquids promptly. Job site moisture issues should be addressed and corrected prior to installation. Fill expansion spaces around potential wet areas only with premium waterproof 100% silicone caulk.
- Long-term exposure to direct sunlight can potentially damage flooring, causing it to discolor, fade or buckle. Protect LVF from exposure to direct sunlight via the use of window treatments or UV-tinting on windows.
- If the flooring is to be installed by a third party, then it is suggested that the homeowner be present during the installation for consultation and/or direction. The owner and installer should discuss installation and layout to maximize satisfaction. If this is not possible, consultation should occur prior to installation. The owner/installer assumes all responsibility for quality of completed installation.

BEFORE STARTING

Before beginning a ProSeries LVF Rigid Click installation project, it is critical that you 1) fully acquaint yourself with the detailed installation instructions for your specific flooring and subfloor type, and 2) conduct a complete job site evaluation.

- For proper installation, please review this guide in its entirety.
- Make a complete job site evaluation to assure that environmental conditions are acceptable for LVF. Room temperature conditions must be controlled between 50°F and 80°F 48 hours before, during and after installation. Product must be acclimated in this controlled environment for a minimum of 48 hours prior to installation, and stacked no more than 5 cartons high on a flat surface and away from any heating or cooling ducts or direct sunlight. For more detail, please reference the “Installation Prep” section of this guide.
- Determine the quantity of ProSeries LVF Rigid Click and flooring transitions needed for your installation. It is recommended that you add an additional 10% to your square footage for standard installations to account for cuts. For diagonal installations, add 15%.
- Make sure you have the appropriate installation tools. A list of recommended installation tools can be found in the “Tools Required for Installation” section of this guide.

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Product Description	Grade Levels	Installation Method
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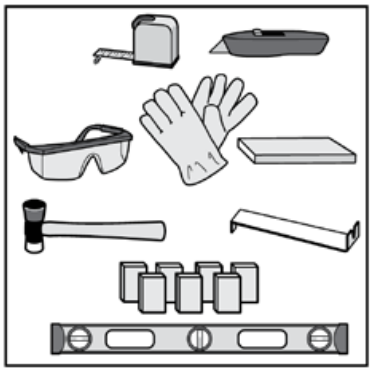
TOOLS REQUIRED FOR INSTALLATION

- Tape Measure
- Utility Knife
- Eye Protection
- Gloves
- Tapping Block
- Soft Faced Hammer
- Pull Bar
- Miter or Circular Saw
- Carpenter's Square
- Square Ruler
- Chalk Line

OPTIONAL:

- Reciprocating Saw
- 1/4" Spacers
- Level



SITE PREPARATION

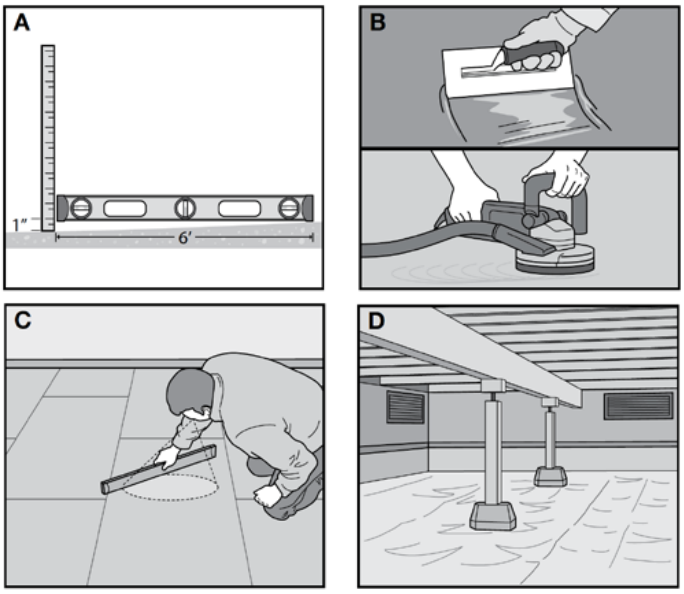
Prior to installation, the homeowner or installer must ensure that job site conditions (including subfloor or substrate, ambient temperature and relative humidity) will not negatively affect the floor. The manufacturer is not responsible for damages associated with improper installation or poor site conditions.

A. The surface of the subfloor must be flat. The flatness requirement is defined as follows: the maximum difference between two high points and the intermediate low point is 1/4" in a 10' radius. Surface flatness must not vary more than 1/16" when measured with a 3' straight edge. Additionally, the subfloor must not slope more than 1" in 6'.

B. High areas can be sanded, ground down or floated over with an approved self-leveling compound. Fill excessive voids or low areas using a non-gypsum, cementitious based leveling compound. Allow the leveling compound to dry thoroughly before beginning the LVF installation. Follow the manufacturer's instructions to ensure leveling compound is appropriate for the application.

C. Subfloors must be structurally sound without deflection. Cartons should be evenly stacked no more than five cartons high on a flat surface and away from any heating or cooling ducts or direct sunlight.

D. Crawl Spaces: Concrete slab or ground must be dry. Ensure that crawl spaces have open vents year round to ensure proper air circulation and prevent moisture build-up. The ground in the crawl spaces must be completely covered using 6 mil polyethylene. Crawl space clearance between the earth and underside of joists should be no less than 18" (45.7cm), and the perimeter vent area should be equal to 1.5% of the total square footage of the crawl space or as mandated by code. Insulate and protect crawl space with a vapor barrier.



Product Description	Grade Levels	Installation Method
Rigid Luxury Vinyl Flooring	Above, On and Below	**Click Lock**

E. Carefully remove any existing quarter round or base board molding.

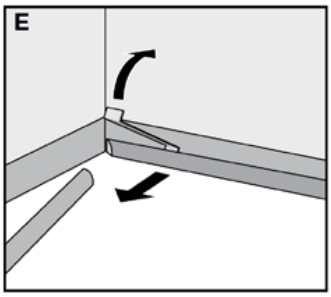
F. Always remove carpet, carpet pad and tack strips.

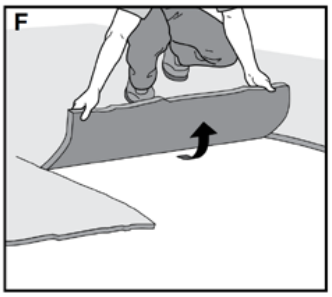
G. Remove any existing floating or un-adhered flooring.

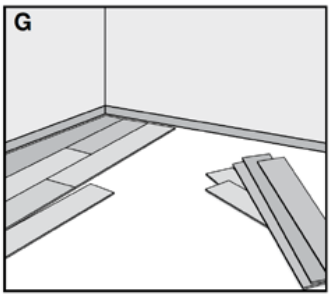
H. Be sure the surface of the subfloor is flat, clean, dry, and sound before starting.

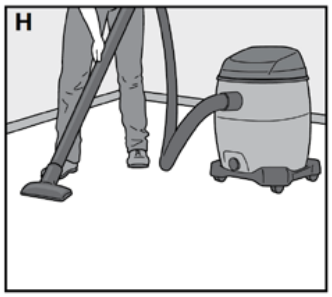
I. Inspect every plank for any shipping damage when removing from the carton.

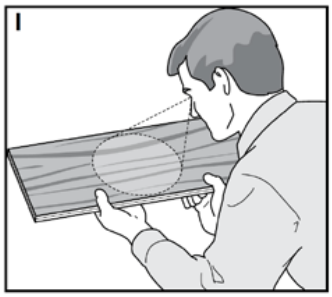
J. Kitchen cabinets must be installed before the floor is installed. Do not install cabinets on top of ProSeries LVF Rigid Click flooring.

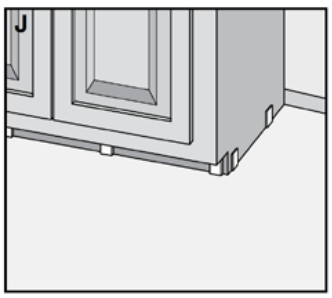












APPROVED SUBFLOORS

Concrete, plywood, OSB, particleboard, chipboard, hardwood (solid, engineered, parquet), tile (ceramic, terrazzo, stone, peel and stick), non-cushion sheet vinyl, metal, VCT and DRIcore are acceptable substrates. All subfloor requirements noted below must be met prior to the installation of ProSeries LVF Rigid Click Flooring.

CONCRETE SUBFLOOR PREP

- New and existing concrete subfloors should meet the guidelines of the latest edition of ACI 302 and ASTM F 710, "Standard Practice for Preparing Concrete Floors for Receiving Resilient Flooring," available from the American Society for Testing and Materials.
- Perform moisture tests at locations around exterior doorways, near walls containing plumbing, near foundation walls and in the center of the room.
- High spots can be removed by grinding. Depressions can be filled with patching compound formulated for use in floor installation.
- Newly-laid concrete slabs must cure for at least 90 days prior to installation.
- Concrete can be either sealed or unsealed.
- Moisture levels of concrete slabs before, during and after installation must be ≤ 8lbs/1000ft2/ 24-hr using an anhydrous calcium chloride test according to ASTM F1869, and pH must be between 5.0 and 9.0; or, if using ASTM F2170 in-situ probes, relative humidity should be less than 90%. Always measure, record, and retain your testing results.

WOOD SUBFLOORS

(Plywood, OSB, Particleboard, Chipboard, Solid Hardwood, Luan)

- Wood subfloors must be APA approved with a minimum grade of BB or CC. (For reference, APA refers to the American Plywood Association, now known as the Engineered Wood Association).
- Double-layered APA rated wood subfloors should be a minimum 1" total thickness, with at least 18" well-ventilated air space beneath.

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Rigid Luxury Vinyl Flooring	Above, On and Below	**Click Lock**

- Perform moisture tests using a reliable moisture meter in multiple locations. Moisture readings should never exceed 14% for plywood, OSB, particleboard, chipboard or solid hardwood subfloors. If moisture readings exceed 14%, conditions must be corrected at the job site before installation.
- It is recommended that your chosen APA underlayment be designed for installation under resilient flooring and carry a written warranty.
- Always follow the underlayment manufacturer's installation instructions.
- Wood subfloors directly fastened to concrete, or sleeper construction, are not recommended.

OTHER SUBFLOOR PREP

- Adhered and sound vinyl sheet goods, vinyl tiles, linoleum and resilient (VCT) tiles usually do not need to be removed if they are fully bonded and free of any notable damage. Some older vinyl sheet goods and tile contain asbestos. Should existing flooring contain asbestos, special precautions must be taken for your safety. Contact a professional immediately for inspection and removal.
- Ceramic tiles and terrazzo usually do not need to be removed. Grout joints wider than ¼" must be filled. LVF may be installed directly over ceramic tiles and terrazzo, provided they are fully adhered, smooth, sound and dry. These flooring materials must be smooth and flat to within 1/4" in a 10' radius and must not vary more than 1/16" when measured with a 3' straight edge.
- Do not install over more than one layer of existing vinyl.

RADIANT FLOORING HEATING PREP

- After market radiant heated floors must be approved by the manufacturer for use with resilient flooring applications.
- The subfloor temperature be between 45°F and 85°F.

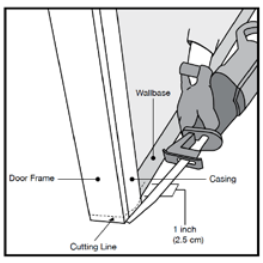
SUBFLOORS NOT APPROVED

- Carpeting/Carpet Pad
- Cushioned Vinyl Flooring
- Floating Floors
- Laminate
- Parquet Over Concrete
- Cork
- Engineered Hardwood Over Concrete
- Sleeper Substrates
- Hardwood Over Concrete
- Rubber

NOTE: Remove the floors listed above and remove old adhesive before installing LVF.

INSTALLATION PREPARATION

- ProSeries LVF Rigid Click is intended for indoor use only.
- Room temperature conditions must be controlled between 50°F and 80°F and humidity below 65% for 48 hours before, during and after installation. Product must be acclimated in this controlled environment for a minimum of 48 hours prior to installation, and stacked no more than 5 cartons high.
- A 3/8" (9mm) expansion space must be maintained around the perimeter of the room and any fixed objects such as pipes or columns.
- Use approved safety equipment to provide proper protection based on each given task.
- Door-jambs and casings must be undercut so that the plank can slide underneath. A 1/4" (6 mm) expansion space must also be included around the undercut jambs and casings.
  A reciprocating saw is recommended to create the necessary undercut. Never undercut metal door casings. **Cutting Tip:** To undercut the casting, lay a scrap piece of flooring next to the casting and lay the saw flat on top of the flooring so that the saw easily cuts to the height of the plank.



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PROSERIES LUXURY VINYL FLOORING

INSTALLATION & CARE GUIDE

CLICK INSTALLATION

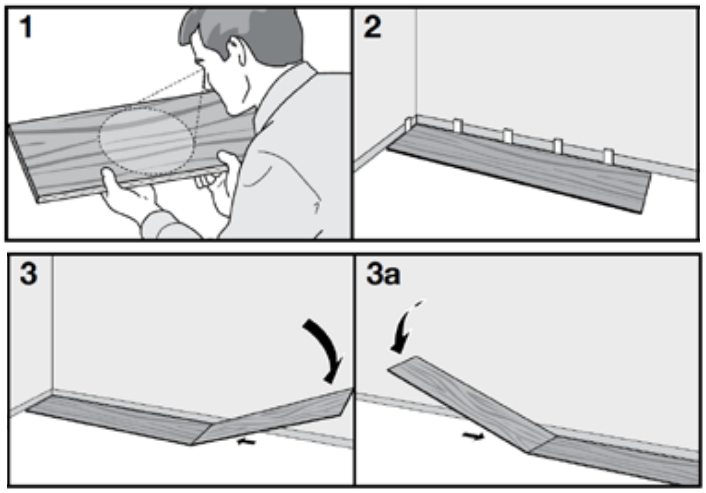
Product Description	Grade Levels	Installation Method
Rigid Luxury Vinyl Flooring	Above, On and Below	**Click Lock**

IMPORTANT: Always inspect each plank to ensure it is not damaged prior to installation. Check the tongue and groove to ensure both are free of debris or damage.

- It is recommended to blend flooring from multiple cartons during installation.
- Cartons should be evenly stacked no more than five cartons high on a flat surface and away from any heating or cooling ducts or direct sunlight.
- Excess flooring should be stored in a protected and climate controlled environment for possible future repairs.
- The HVAC system must be on and functional before, during and after installation.
- Power tools can be dangerous. Operate in strict accordance with manufacturer's operating instructions and safety precautions. Unsafe and improper use can cause serious injuries. Avoid inhalation and exposure to airborne particles by wearing personal protective equipment, including: NIOSH or OSHA approved dust masks, safety goggles and work gloves.

CLICK LOCK INSTALLATION

1. Inspect each plank. Blend planks from several cartons at the same time to ensure good color and shade mixture throughout the installation.
2. The first plank of the first row should be a full length plank. It is recommended that installation begin in a corner of the room. Between the first row of flooring and the wall, insert spacers so that a 3/8" (9mm) gap is maintained. The entire installation requires a 3/8" expansion space.
3. When installing the first row, insert the short edge of one plank into the short edge of another plank at slight angle and rotate downward. Continue to complete the starter row, maintaining a straight edge for the following row.
4. Use a tapping block and soft faced hammer to close any gaps between the planks.



5. Once you reach the end of the first row, measure and cut the final plank so that it completes the row while also leaving the necessary 3/8" expansion gap. Last planks of rows must be at least 8" long. Note: Use a spare plank to create a straight edge at the cut line. Use a utility knife to score the top of the pattern and snap the panel. It will be necessary to cut the foam underlayment after snapping the panel.
6. Start the second row of flooring by using the trimmed planks from the previous row. First pieces must be at least 8" long. End joints should be staggered a minimum of 6" from one row to the next.
7. At a slight angle, insert the long edge tongue of the first plank in row 2 into the long edge groove of the plank in row 1 until the plank edges meet, and then rotate down until the joints lock.
8. When joining the next plank in the second row, join the short side edges first. There will be a gap on the long side joints when the plank is rotated down.
9. Raise the outside long edge of the plank upward approximately 1". Maintain this angle as you push the plank in until the long edge of the plank meets the long edge of the first row. Rotate downward on the plank until the joint locks.

SEE NEXT PAGE FOR DIAGRAM STEPS 4-14

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INSTALLATION & CARE GUIDE

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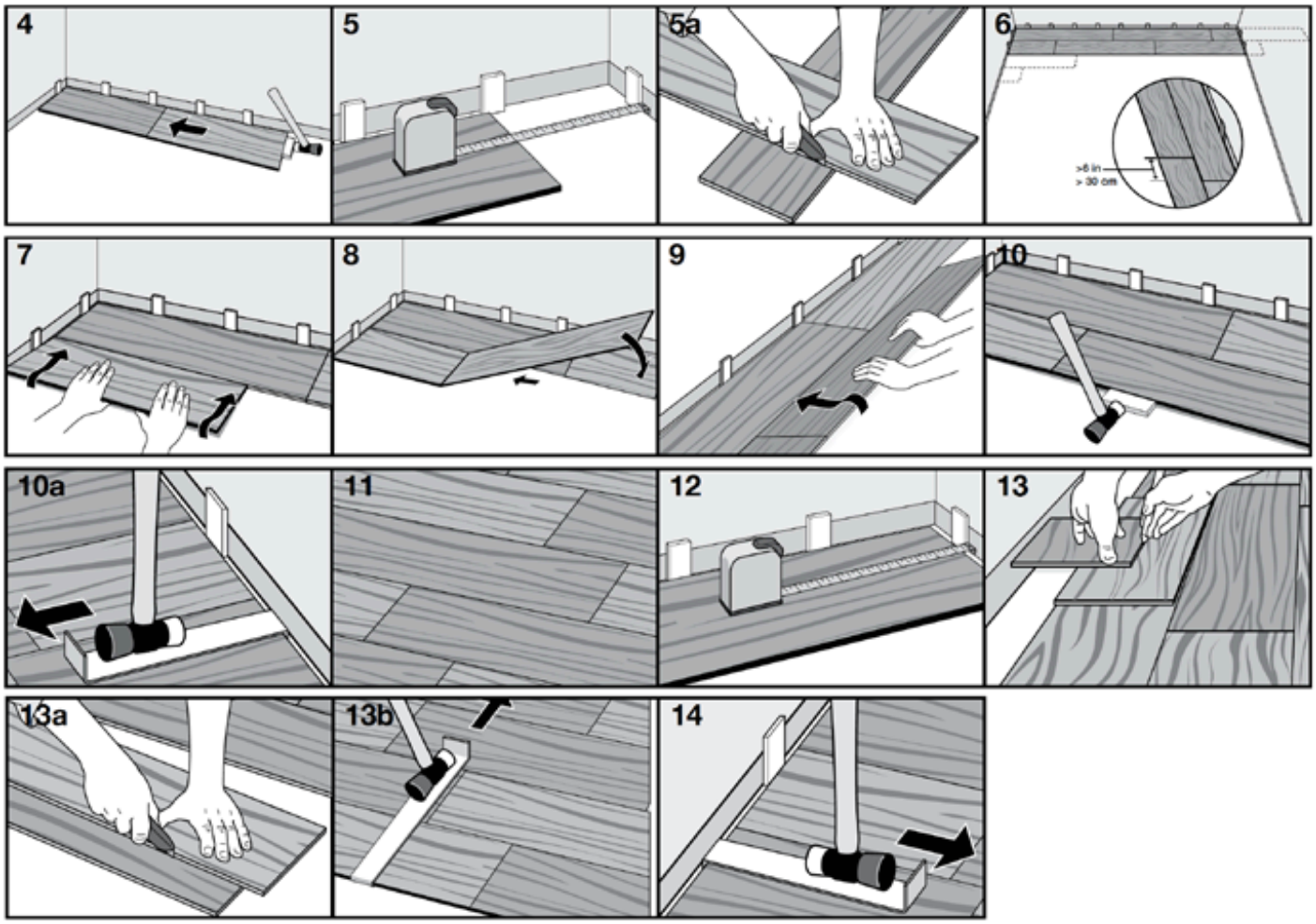

10. After tapping the long side joint closed, close the short edge joints using a tapping block or pull bar.
11. Repeat these steps to complete the installation.
12. After each row is complete, ensure there will be a 3/8" (9mm) gap to the wall, after the joints are closed, for expansion.
13. For the last row, align the plank to be used on top of the 2nd to last row. Using a full width plank as a spacer, trace the wall contour. Use a full plank as a straight edge to cut the plank. Insert the long edge tongue in to the long edge groove and use a pull bar and hammer to close the gap.
14. After tapping the long side joint closed, close the short edge joints using a tapping block or pull bar.

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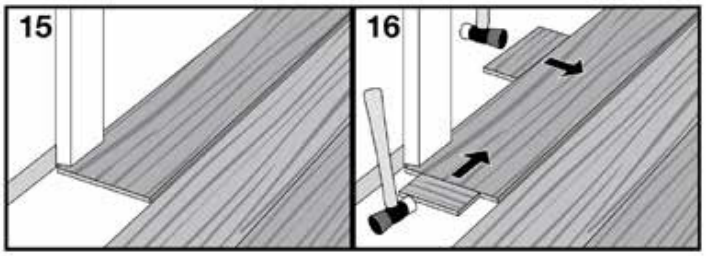
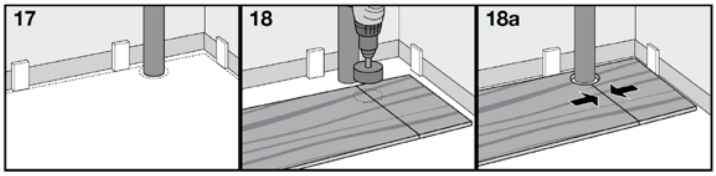
15. When the new flooring meets a threshold or a doorway, we recommend undercutting the door jamb. To secure the right cut, turn a plank upside down and place it on the floor up to the door frame. Then place a reciprocating saw flat against the plank and simply cut through the frame. Remove the cut-out piece and vacuum away debris. Slide plank under pre-cut door frame. Door frame should be cut so that a 3/8" (9mm) gap is located from the edge of the plank under the casing to the wall.

16. Tap the long side joint closed first, then tap the end joint closed.



17. In place of a resilient tile cutter, a miter or circular saw with the blade cutting into the design of the planks can be used to cut the rigid luxury vinyl floors. A utility knife can also be used, scoring the top of the pattern and snapping the plank. It will be necessary to cut the foam underlayment after snapping the plank.

NOTE: Maintain a 3/8" (9mm) expansion space around all walls and vertical objects. Quarter round or baseboard molding will cover this expansion space.



INSTALLING AROUND FIXED OBJECTS

18. Allow 3/8" (9mm) expansion space around pipes or other fixed objects.

19. In rows where there is a pipe, make sure the pipe falls exactly in line with the short side of two planks. Select a drill bit with the same diameter as the pipe plus 1/2" (13 mm). Click the planks together on the short side and drill a hole centered on the joint between the two planks. Then install the planks.

20. For a double pipe, drill a hole equivalent to the diameter of the pipe plus 1/2" (13 mm) at each of the marked points. If located on the long side of the plank, make a 45° cut from each hole to the edge of the plank. Then, using an appropriate glue along the cut edges of the piece you cut out, glue the piece in place. Be sure no glue comes between the cut-out piece and the subfloor.

21. Remove all spacers.

22. Fill any expansion spaces around potentially wet areas, such as refrigerators, tubs, etc., with premium waterproof 100% silicone caulk.

23. When installing LVF in any room or area larger than 100 lineal feet (30.5 m) in any direction, the use of a coordinating T-Molding/Reducer transition is required to separate the floor into sections no larger than 100' x 100' (30.5 m x 30.5 m) per section.

24. Install moldings to cover the expansion gap. When installing moldings, never allow nails or screws to enter the LVF or the expansion zone around the flooring perimeter. All moldings and transition strips need to provide a 3/8" (9mm) expansion space as well.

NOTE: Maintain the 3/8" expansion gap around cabinets, pipes, toilet flanges and any obstacles in the floor (it is not recommended to trim around a toilet, however leave the expansion space around the toilet flange).

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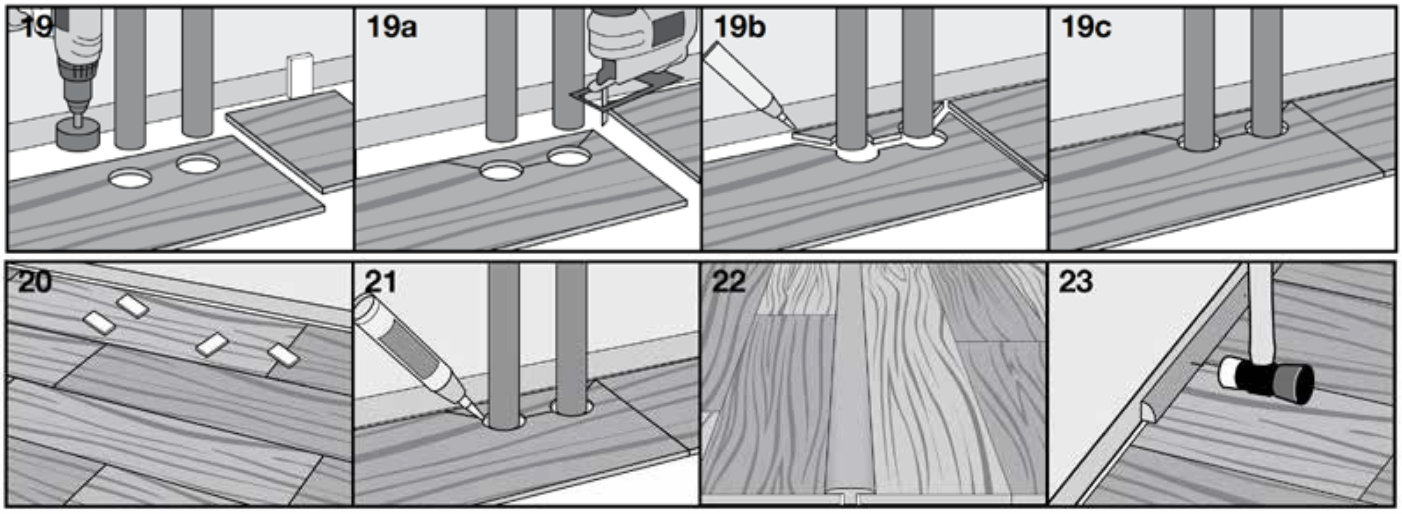
INSTALLATION & CARE GUIDE

CLICK INSTALLATION

Product Description	Grade Levels	Installation Method
Rigid Luxury Vinyl Flooring	Above, On and Below	**Click Lock**



CARING & CLEANING

PREVENTATIVE MAINTENANCE

- Prevent indentations and scratches by using non-staining floor protectors on the legs of chairs, appliances and all heavy furniture. Floor protectors should be at least 1" in diameter. Periodically clean protectors to remove grit that may become embedded and cause scratching.
- Replace plastic or metal chair casters with rubber, and keep casters clean.
- Place walk-off mats at entrances. Mats should have a non-rubberized backing and be labeled as nonstaining.
- We recommend the use of a hard surface (non-studded), non-rubber chair mat to protect your floor from office chairs with casters. Light, rolling furniture should be outfitted with broad-surface, non-staining casters that have been engineered for hard surface floors. Such casters should be a minimum of 1" (2.5 cm) wide and at least 2" (5.1 cm) in diameter.
- Avoid exposure to direct sunlight for prolonged periods of time, as this can cause discoloration. Use of window coverings is recommended.
- Keep pets' nails trimmed.
- Remove shoes with cleats, spikes, or pointed high heels before walking on the floor.
- Protect your floors against burns. Burns from cigarettes, matches or other extremely hot items can cause permanent damage to your luxury vinyl flooring.

CLEANING

- Sweep the floor regularly with a soft bristle broom to remove loose dirt.
- Wash the floor with non-abrasive, neutral PH floor cleaner approved for vinyl floors.
- For every day cleaning, a mop moistened with warm water will suffice.
- Spills should be cleaned up immediately.

CLEANING AGENTS TO AVOID

- Detergent based cleaners
- Abrasive or mop and shine products
- Ammonia or bleaches
- Vacuum cleaner with a rotating beater bar engaged
- Floor wax

NOTE: Always read the cautionary information on all cleaners prior to use.

IMPORTANT: Never push, pull or drag furniture, appliances or other items across the floor. Always lift and carry furniture or heavy items.

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TRIM INSTALLATION & CARE GUIDE

STOCKING AND SPECIAL ORDER

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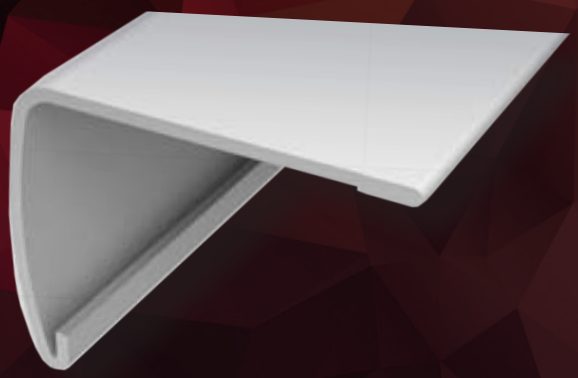
TABLE OF CONTENTS

Please reference the series sales sheet to view which platform and trim is available within each series.

EXTRA TALL STAIR NOSE



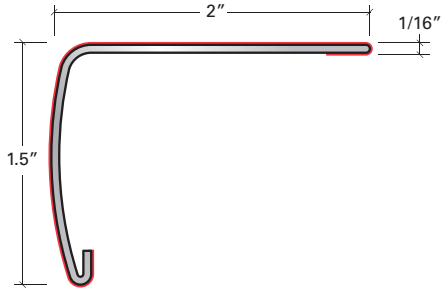
Creates a transition to the edge of the step by overlapping the flooring on the back end. Can also be installed flush on floors with an overall thickness up to 4 mm.*

* References to flooring thickness refer to the total thickness of all members of the floor installation being laid upon the subfloor. This typically is comprised of the flooring plank, e.g. Vinyl or Laminate, the underlayment, either attached or loose lay and any additional vapor barriers.

Extra Tall Stair Nose - EXTSN

Note: Available for both Rigid Click and Flexible Glue Down Platforms.

Technical Information — Sizes



Extra Tall Stair Nose

The Extra Tall Stair Nose combines style and function to enhance the beauty of a staircase or step. For use on flooring with an overall thickness of up to 19 mm (0.75″).

Surface Material: High Wear Resistant Aluminum Oxide Laminate

Core Material: Aluminum

Shim

To be used with Extra Tall Stair Nose for floors for flush installations

(See illustrations at bottom right).

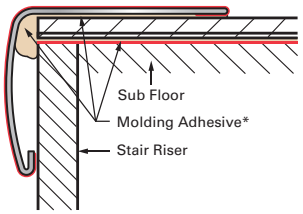
Material: Standard MDF/HDF

Installation*

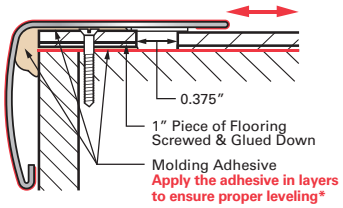
Overlap Install

Locked Down Install

Used where floating of the floor is not required, as with Stair Tread or Glued-Down/Nailed-Down floors. This can be used on floating floors where expansion and contraction will occur on the opposite side of the flooring plane.



Floating Install



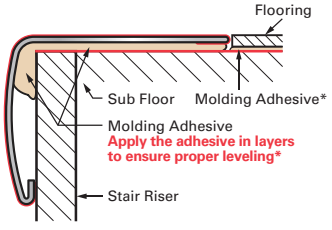
Flush Install

Locked Down Install

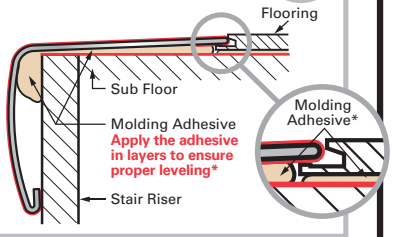
Used where floating of the floor is not required, as with Stair Tread or Glued-Down/Nailed-Down floors. This can be used on floating floors where expansion and contraction will occur on the opposite side of the flooring plane.

Tongue side of plank MUST face the Extra Tall Stair Nose, Shims, and flooring planks must be glued down to subfloor.

Flooring with an overall thickness of 2-3 mm



Flooring with an overall thickness of 4 mm



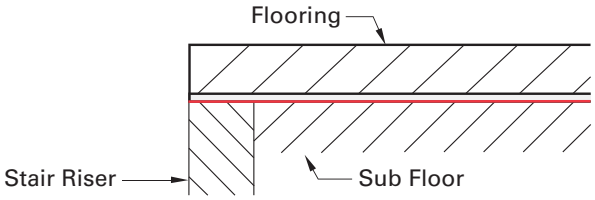
** Premium Polyurethane Construction Adhesive*

Extra Tall Stair Nose - EXTSN

Installation on flooring with an overall thickness of up to 19 mm (0.75").

"LOCK-DOWN" INSTALLATION

Flooring with an overall thickness of up to 19 mm (0.75")



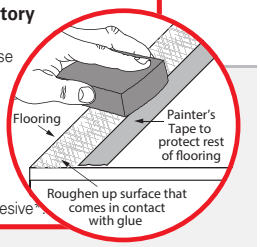
Step 1

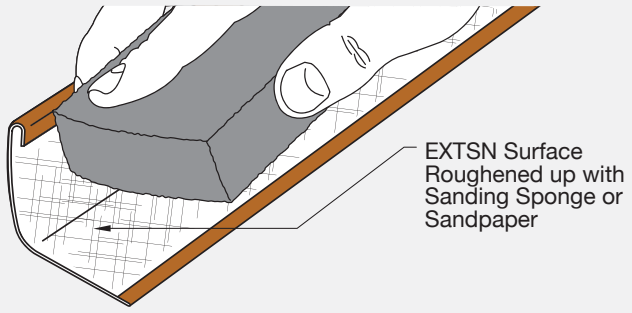
Install the riser flush to the stair. Glue down flooring planks (for more details see manufacturers recommendations). Then, clean flooring and molding as directed below:

CLEANING PREPARATION FOR BOTH SURFACES

Preparing the floor & molding as outlined is mandatory to achieve the required bonding strength

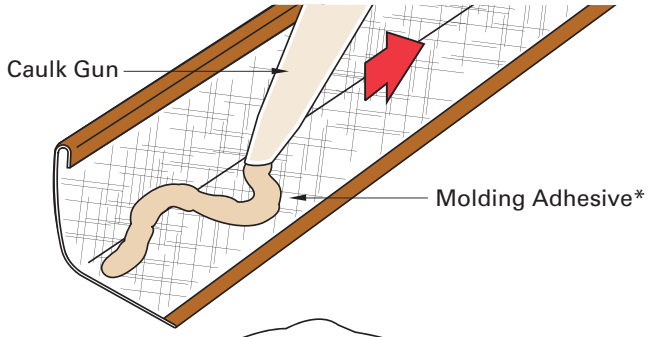
1. Use a damp cloth (water only) to clean both surfaces of loose particles or surface films.
2. Roughen the surfaces with sandpaper (100-150 grit), sanding sponge or metal brush. For flooring, only roughen up area that will be covered (1.25" to 1.5").
3. Degrease both surfaces to remove all traces of oil, grease, dust, and fingerprints by using a solvent such as methyl ethyl ketone (MEK), acetone or isopropyl alcohol.
4. Let both surfaces dry thoroughly before applying Molding Adhesive*.





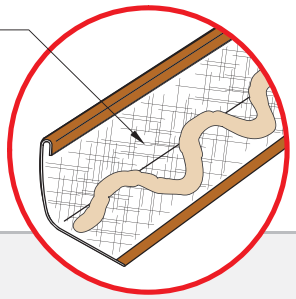
Step 2

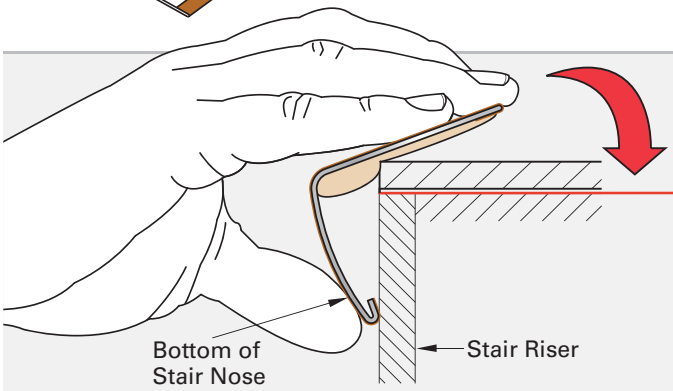
Turn EXTSN over and roughen the inside surface of the EXTSN to increase bond by means of 60 grit sandpaper, sanding sponge, or a metal brush.



Step 3

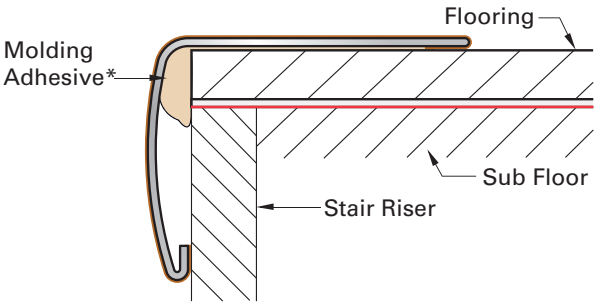
Next, apply a generous bead of a Molding Adhesive* along the entire inside corner.





Step 4

Touch the bottom of molding to the stair riser and carefully roll the stair nose in place. Make any final adjustments before you push the molding all the way down. Once it's in the final position, press down firmly with your hands and make your way down the entire stair nose. It may take 2 or 3 passes to set it firmly in place.



Step 5

Let the Molding Adhesive* cure for at least 4 hours before any walking on it. For exposure to full traffic, wait 24 to 48 hours.

NOTE: *Complete cure takes 48 hours.*

RECOMMENDED BLADES	Carbite Tipped Cross-Cutting BladeS

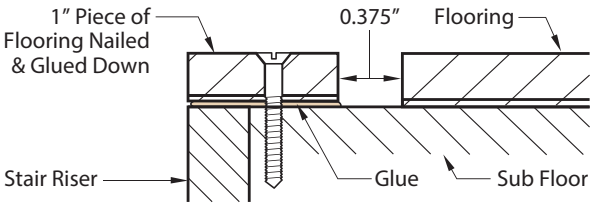
Premium Polyurethane Construction Adhesive

Extra Tall Stair Nose - EXTSN

Installation on flooring with an overall thickness of up to 19 mm (0.75”).

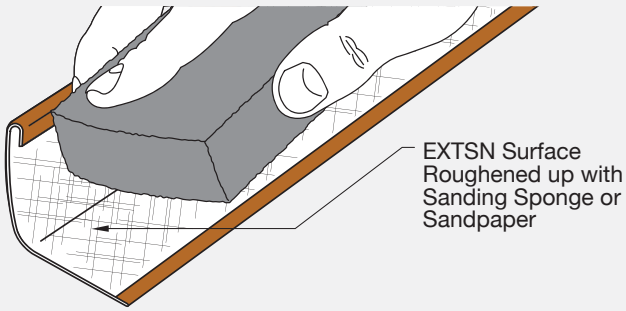
“FLOATING” INSTALLATION

Flooring with an overall thickness of up to 19 mm (0.75”)



Step 1

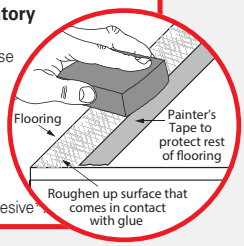
Install the riser flush to the stair. Cut a 1” wide strip of your floor. Drill, counter-sink, screw and glue it flush to the stair riser. Install flooring 0.375” from the glued down 1”strip. **DO NOT glue flooring down**. Clean flooring and molding as directed below:



CLEANING PREPARATION FOR BOTH SURFACES

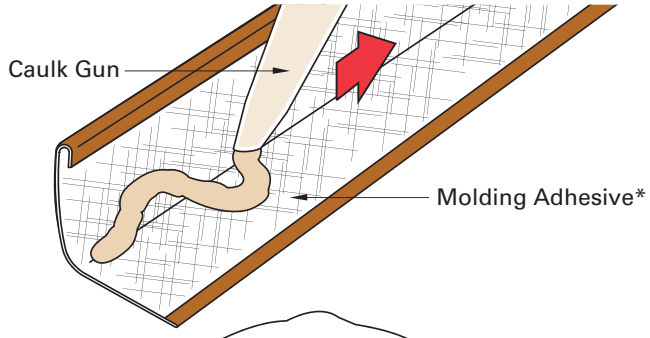
Preparing the floor & molding as outlined is mandatory to achieve the required bonding strength

1. Use a damp cloth (water only) to clean both surfaces of loose particles or surface films.
2. Roughen the surfaces with sandpaper (100-150 grit), sanding sponge or metal brush. For flooring, only roughen up area that will be covered (1.25” to 1.5”).
3. Degrease both surfaces to remove all traces of oil, grease, dust, and fingerprints by using a solvent such as methyl ethyl ketone (MEK), acetone or isopropyl alcohol.
4. Let both surfaces dry thoroughly before applying Molding Adhesive*.



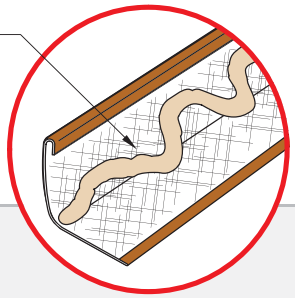
Step 2

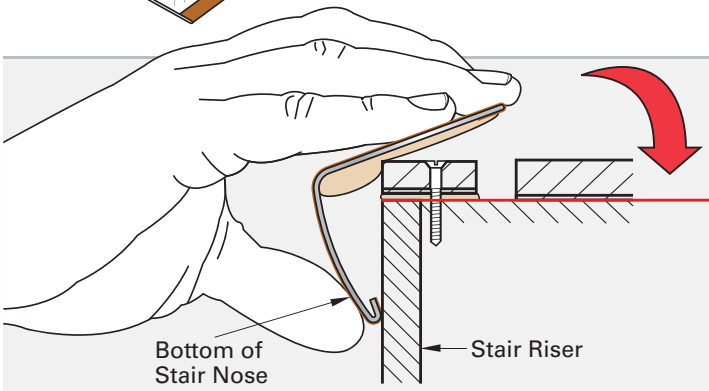
Turn EXTSN after following the cleaning preparation above.



Step 3

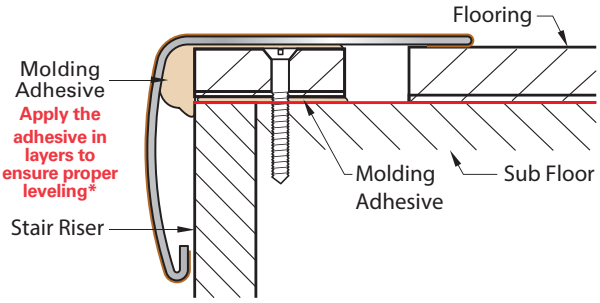
Next, apply a generous bead of a Molding Adhesive* along the entire inside corner. **Be sure to NOT put adhesive towards the front of the molding.**





Step 4

Touch the bottom of molding to the stair riser and carefully roll the stair nose in place. Make any final adjustments before you push the molding all the way down. Once it’s in the final position, press down firmly with your hands and make your way down the entire stair nose. It may take 2 or 3 passes to set it firmly in place.



Step 5

Let the Molding Adhesive* cure for at least 4 hours before any walking on it. For exposure to full traffic, wait 24 to 48 hours.

NOTE: *Complete cure takes 48 hours.*

RECOMMENDED BLADES	***Carbite Tipped Cross-Cutting BladeS***

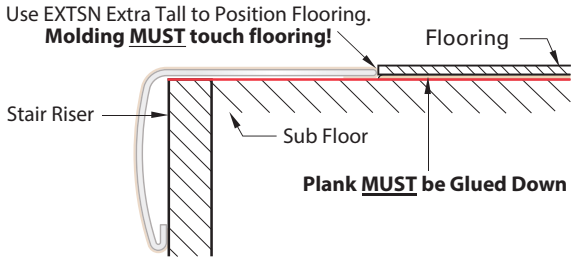
Premium Polyurethane Construction Adhesive

Extra Tall Stair Nose - EXTSN

Installation on 2-3 mm LVT flooring

"Flush Lock-Down" Installation

Flooring with an overall thickness of 2-3 mm



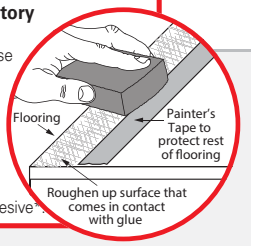
Step 1

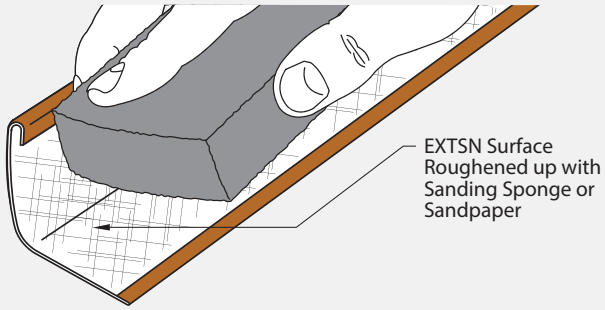
Install the riser flush to the stair. Use EXTSN to determine where to start your flooring. EXTSN must fit snuggly next to plank. Remove EXTSN and **glue the flooring plank down**. Clean flooring and molding as directed below:

CLEANING PREPARATION FOR BOTH SURFACES

Preparing the floor & molding as outlined is mandatory to achieve the required bonding strength

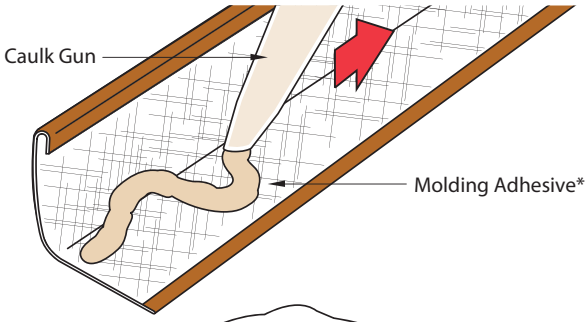
1. Use a damp cloth (water only) to clean both surfaces of loose particles or surface films.
2. Roughen the surfaces with sandpaper (100-150 grit), sanding sponge or metal brush. For flooring, only roughen up area that will be covered (1.25" to 1.5").
3. Degrease both surfaces to remove all traces of oil, grease, dust, and fingerprints by using a solvent such as methyl ethyl ketone (MEK), acetone or isopropyl alcohol.
4. Let both surfaces dry thoroughly before applying Molding Adhesive*





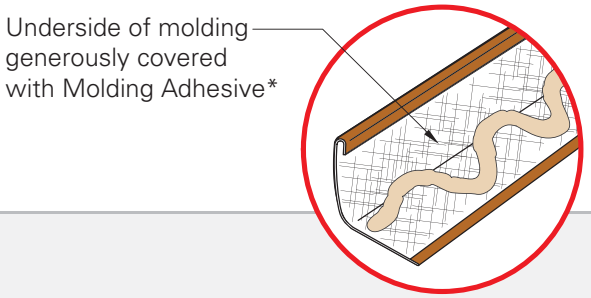
Step 2

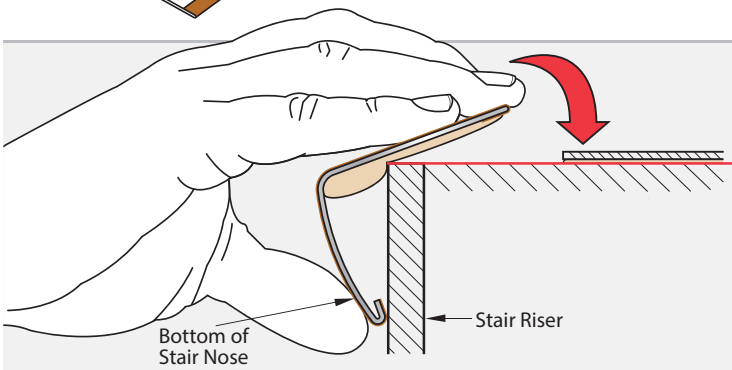
Turn EXTSN over and roughen the inside surface of the EXTSN to increase bond by means of 60 grit sandpaper, sanding sponge, or a metal brush.



Step 3

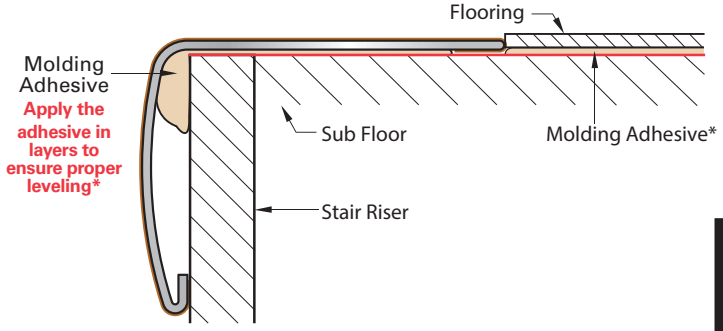
Next, apply a generous bead of a Molding Adhesive* along the entire inside corner.





Step 4

Touch the bottom of molding to the stair riser and carefully roll the stair nose in place. Make any final adjustments before you push the molding all the way down. Once it's in the final position, press down firmly with your hands and make your way down the entire stair nose. It may take 2 or 3 passes to set it firmly in place.



Step 5

Allow at least 24 hours for the Adhesive* to form a bond. You should always start at top of stairs and work your way down to avoid contact with the installed moldings until cured.

NOTE: *Complete cure takes 48-72 hours.*

RECOMMENDED BLADES — *Carbite Tipped Cross-Cutting BladeS*

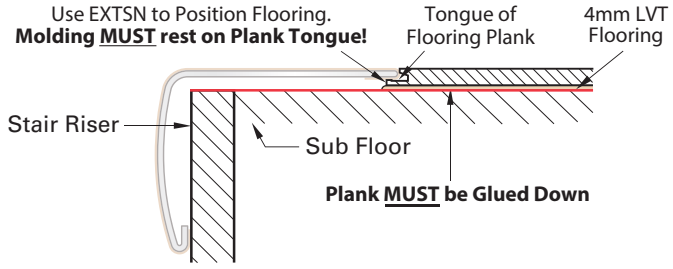
Premium Polyurethane Construction Adhesive

Extra Tall Stair Nose - EXTSN

Installation on 4 mm LVT flooring

"Flush Lock-Down" Installation

Flooring with an overall thickness of 4 mm



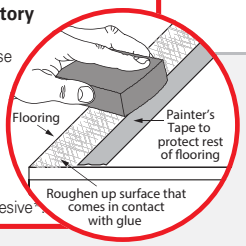
Step 1

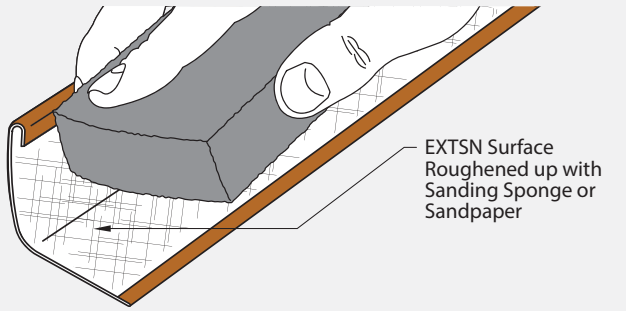
Install the riser flush to the stair. Use EXTSN to determine where to start your flooring. ***Tongue side of flooring plank MUST face EXTSN*** so EXTSN can fit snuggly onto Tongue. Remove EXTSN and **glue the flooring plank down**. Clean flooring and molding as directed below:

CLEANING PREPARATION FOR BOTH SURFACES

Preparing the floor & molding as outlined is mandatory to achieve the required bonding strength

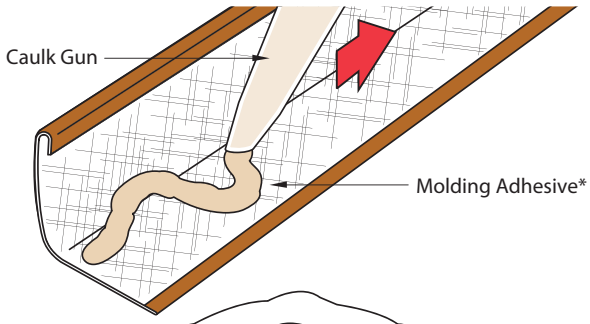
1. Use a damp cloth (water only) to clean both surfaces of loose particles or surface films.
2. Roughen the surfaces with sandpaper (100-150 grit), sanding sponge or metal brush. For flooring, only roughen up area that will be covered (1.25" to 1.5").
3. Degrease both surfaces to remove all traces of oil, grease, dust, and fingerprints by using a solvent such as methyl ethyl ketone (MEK), acetone or isopropyl alcohol.
4. Let both surfaces dry thoroughly before applying Molding Adhesive





Step 2

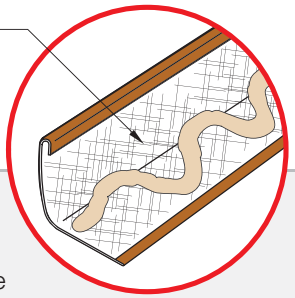
Turn EXTSN over and roughen the inside surface of the EXTSN to increase bond by means of 60 grit sandpaper, sanding sponge, or a metal brush.

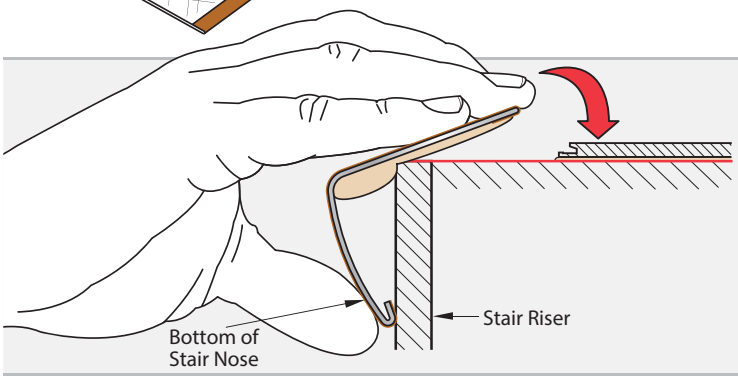


Step 3

Next, apply a generous bead of a Molding Adhesive* along the entire inside corner. Reveal edge of plank may show when EXTSN is installed. To compensate, apply a little more adhesive to the molding.

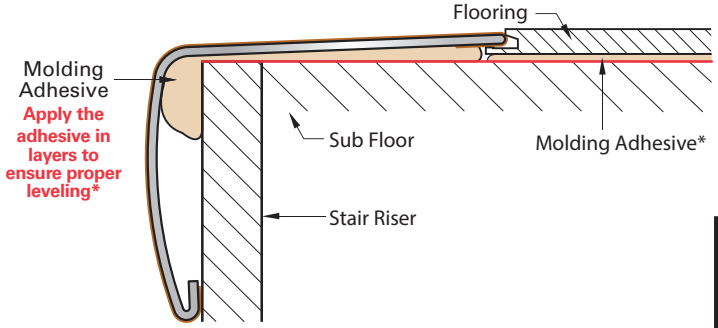
Underside of molding generously covered with Molding Adhesive*





Step 4

Touch the bottom of molding to the stair riser and carefully roll the stair nose in place. Make any final adjustments before you push the molding all the way down. Once it's in the final position, press down firmly with your hands and make your way down the entire stair nose. It may take 2 or 3 passes to set it firmly in place.



Step 5

Allow at least 24 hours for the Adhesive* to form a bond. You should always start at top of stairs and work your way down to avoid contact with the installed moldings until cured.

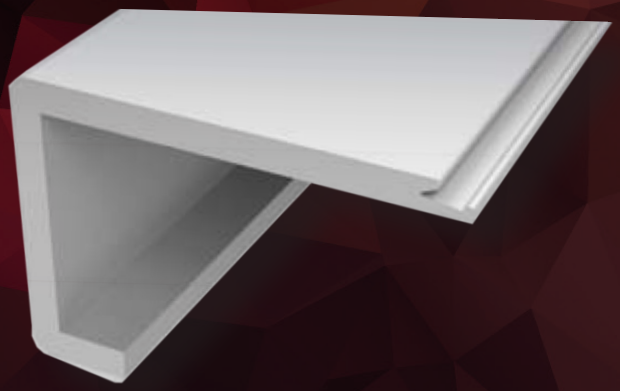
NOTE: *Complete cure takes 48-72 hours.*

RECOMMENDED BLADES

Carbite Tipped Cross-Cutting BladeS

* *Premium Polyurethane Construction Adhesive*

VINYL STAIR CAP



Creates a smooth and flush finish on the edges of steps by using the same vinyl flooring plank to ensure a corresponding color and texture.

Vinyl Stair Cap - VSCAP

Note: Available for Rigid Click Platform Only.

Technical Information — Sizes

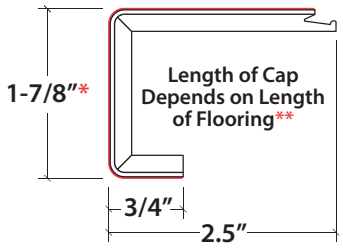
Vinyl Stair Cap - VSCAP

The VSCAP is used to create matching, flush stair treads & returns that perfectly match your floor to give your staircase an elegant cohesive look.

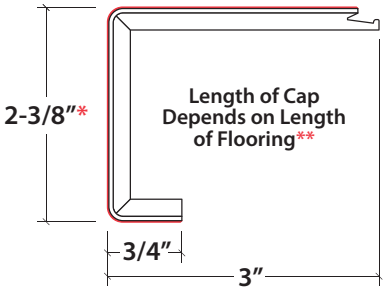
VSCAP is made from the actual floor so it is a perfect match.

Available in Edge and/or Square Depending on Floor Type

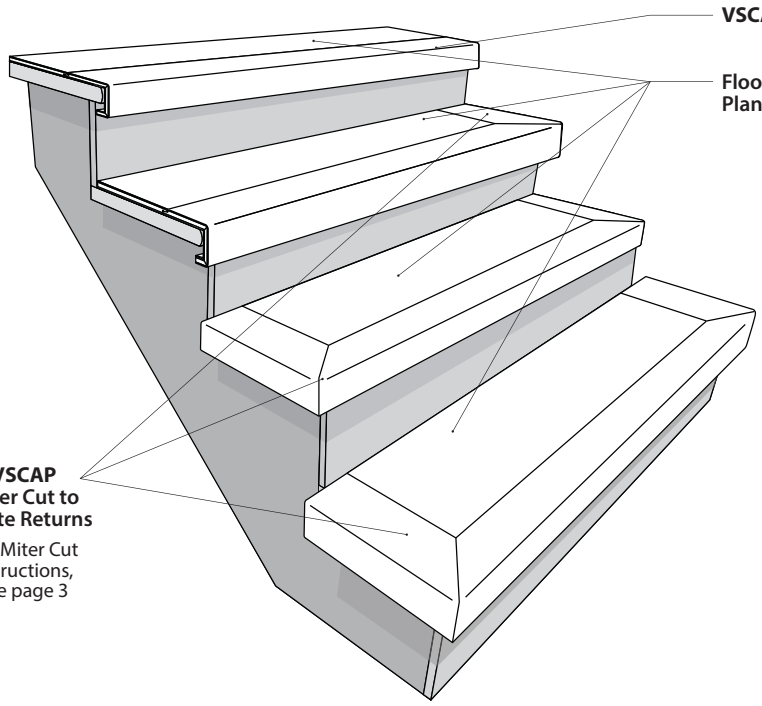
VSCAP Edge



VSCAP Square



Installation



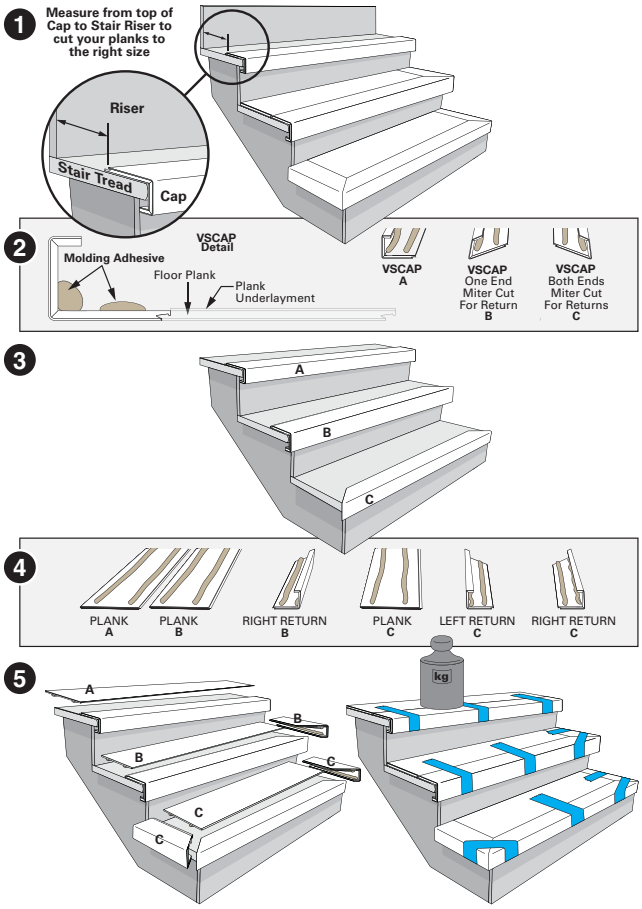
*Since flooring thicknesses vary, to find the inside height dimension of your VSCAP, measure the thickness of your floor, multiply it by 2, and subtract it from the outside height.

**VSCAPs are produced in various lengths depending on the length of the actual floor. However, regardless of the floor length, the maximum length for VSCAPs is 46 inches.

Basic VSCAP Installation

Daltile does not recommend that you join two caps together in order to complete one stair nose

Daltile does not provide custom cuts



***CAUTION:** Depending on the floor type, the VSCAP may come with padding. If the padding is not securely attached it should be removed from the cap and/or the plank before installing to stair.*

***NOTE:** Small broken areas (less than 1") in the locking system of your Cap will not cause any issues with installation because the cap and floor will be glued down.*

Step 1

Clean the staircase from all dust and debris. All wood or concrete stair surfaces must be properly prepared, stable, flat, and free of adhesive residue or anything that may be an adhesive bond breaker. ***IMPORTANT: Installing over existing flooring on stairs is not permitted. Existing flooring must be removed.***

Once staircase is clean, measure each stair and cut your planks and caps. *If creating returns, use a miter saw set at 45° angles to make the cuts.* Dry fit the caps, returns, & planks prior to spreading any adhesive. Leave them in place until ready to glue down.

NOTE: Start at the top of the Stair Case and work your way down. The strategy, as you will see in the steps that follow, will be to glue and staple down the VSCAP first. Then, glue down the plank and/or return(s). Move on to the next stair and repeat Steps 2 to 5.

Step 2

IMPORTANT: The VSCAP does not come with an underlayment. Apply enough adhesive to the broad flat area to make the Caps and Returns level with the floor plank. Turn the first **VSCAP** over and apply adhesive on the inside corner and a generous amount of ***molding adhesive**** on the broad flat area. *(See illustration on the left).*

Step 3

Place the **VSCAP** on the stair. Position it where you want it.

Clean up any excess adhesive with a damp rag.

Step 4

Make sure the underlayment is firmly and completely attached to the floor plank. If it is not, either remove it or reattach it with PUR adhesive. Next, take the plank and/or return(s) that go with the **VSCAP** you just fixed on the Stair. Turn them over and apply a generous amount of **molding adhesive** to them. If installing returns, apply glue to the inside corner of the return and then apply adhesive to the broad flat area of the return like you did to the Cap in **Step 2.** *(See illus. at left).*

Step 5

Next, place the plank and/or return(s) in place. ***Clean up any excess adhesive with a damp rag before applying the painters tape.***

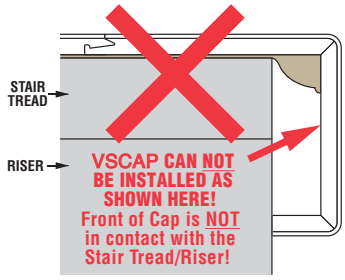
Use painter's tape to tape the **VSCAP** to the flooring plank and returns. Place a heavy weight across the seams. Let the **molding adhesive** cure for 48 hours before heavy traffic. Once dry, you can remove painter's tape from stairs.

Next, move on to the next stair and ***repeat Steps 2 to 5.***

HOW NOT TO INSTALL:

NO-OVERHANG STAIR TREAD

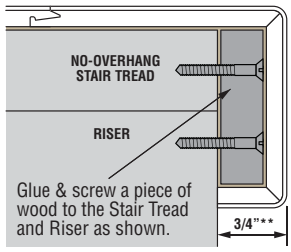
Use Options #1 or #2 at Right



INSTALLATION OPTIONS:

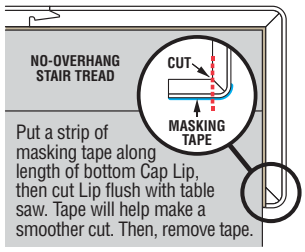
NO-OVERHANG STAIR TREAD

OPTION #1: Piece of Wood Cut to Size and Screwed & Glued in Place



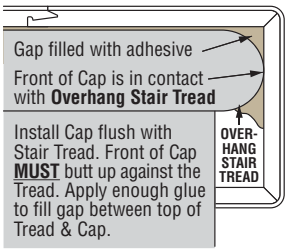
NO-OVERHANG STAIR TREAD

OPTION #2: Cut Bottom Lip of VSCAP so it Lays Flat Against Stair Tread/Riser



OVERHANG STAIR TREAD

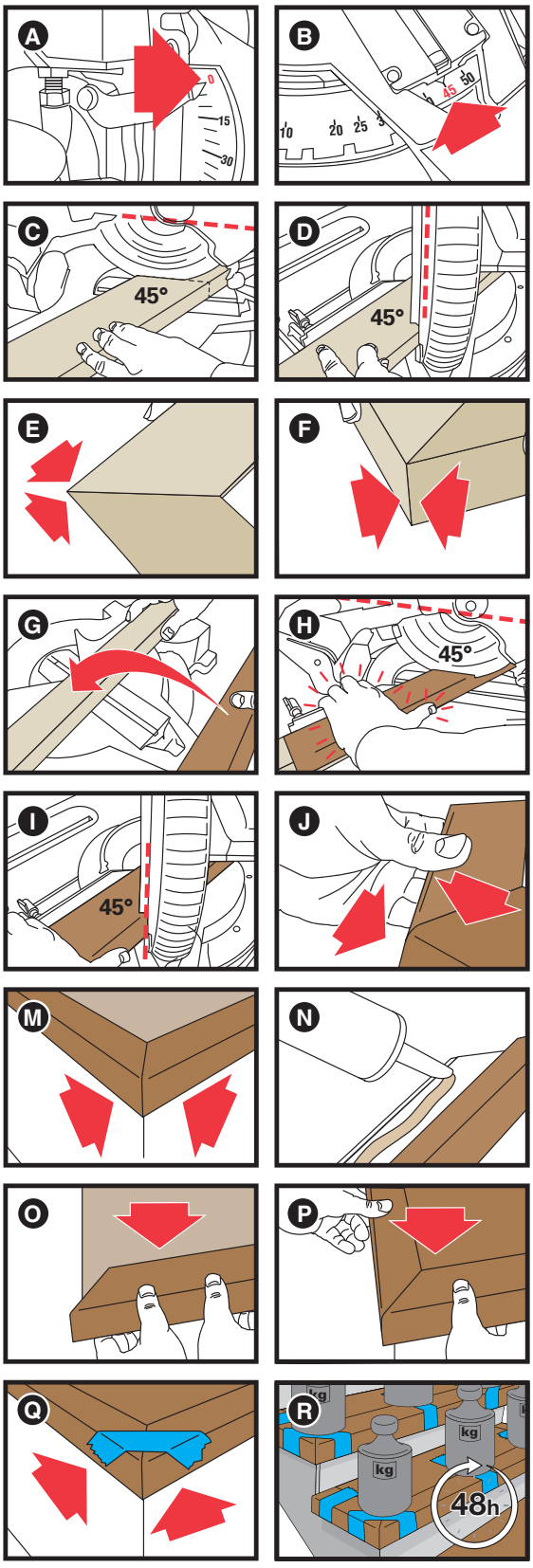
Front of Cap is in Contact with Stair Riser



When we machine the planks we change the symmetry of tension and some bowing is to be expected. Here is how you install a slightly bowed VSCAP:

- After you cut your planks and VSCAPs to size, dry fit them to see which caps are bowing. You may see a slight 1 to 2 mm gap either towards the ends of the plank or towards the middle caused by the bowing.
- Glue your VSCAP in place on the step. Then apply glue to the back of the plank. We also advise to put a thin swipe of construction glue into the click system of the floor plank.
- Line up the plank to the VSCAP so that both ends meet.
- Start at one end and snap the plank into place by lining it up with the VSCAPs groove and lowering it down.
- Take a strip of painter's tape and start towards the very top of the flooring plank and end under the lip of the VSCAP, or even on the stair riser below the cap, pulling tightly so that the VSCAP and plank are held snug in place by the tape.
- Work your way down to the other end, pressing firmly and using your body weight to push the flooring groove into the VSCAP until it snaps into place.
- Then add strips of painter's tape to the other end and to the center of the tread to hold the VSCAP in place until the glue dries. Apply weights.

**Per 2018 Building code (IBC R311.7.5.3) an overhang stair tread of not less then 3/4" is required when treads are less then 11" deep, but please make sure to check with your local code officials as local jurisdictions have their own rules.



Cutting VSCAP to Create Returns

Daltile does not provide custom cuts

Make sure to use safety goggles and thick gloves while using saw and handling the blade

Step 1 **– MAKE TEST CUTS ON SCRAP 2x4**

IMPORTANT: Make sure the bevel angle is set to ZERO (A).

We highly recommend you do a test cut on 2 scrap pieces of 2x4 to make sure your cuts line up. Set the miter angle to **45 degrees** for the first cut **(B)**. Cut the 2x4 **(C)**.

Then change angle of miter cut to **45 degrees** in the other direction **(D)**. Cut the other piece of 2x4.

Line up ends of the 2x4s to form a corner **(E)**. Check the pieces to see if they line up correctly with **no gap** on the top or front view **(F)**.

Step 2 **– CUT YOUR VSCAP**

IMPORTANT: Use a scrap 2x4 piece to set VSCAP on while you make the cuts (G). This will keep them level as you cut.

Set the miter angle to **45 degrees**. Cut the VSCAP **(H)**.

REMINDER: Always wear safety goggles when using the saw

IMPORTANT: Hold the VSCAP extremely tight, otherwise it will pull in the direction of the blade and your cut will be off

Change miter angle to **45 degrees** in the other direction **(I)**. Cut the other piece that you are using for the Return. Again, ***make sure you hold the VSCAP extremely tight. Don't let it move while you make the cut.***

Check the Cap & Return to see if they line up correctly with **no gap** on the top or front view **(J)**.

Step 3 **– APPLYING CAP & RETURN TO THE STAIRS**

IMPORTANT: The VSCAP does not come with an underlayment. Apply enough adhesive to the broad flat area to make the Caps & Returns level with the floor plank.

After wiping the Cap & Return clean from debris, test the fit on your stairway. Make sure there is no gap between them **(M)**.

After you test the fit, run thick lines of ***molding adhesive**** along the inside corner and along the broad flat surface of the VersaCap **(N)**.

Put the Cap in place, pressing down firmly to make sure it is in contact with the stair **(O)**. Make sure the edge is square.

Clean up any excess adhesive with a damp rag.

IMPORTANT: Make sure the underlayment is firmly and completely attached to the floor plank. If it is not, either remove it or reattach it with PUR adhesive.

Next, take the plank and Return that go with the VSCAP you just fixed on the Stair. Turn them over and apply a generous amount of **molding adhesive** to them. Apply glue to the inside corner of the return and then apply adhesive to the broad flat area.

Next, place the plank and Return in place **(P)**.

Clean up any excess adhesive with a damp rag before applying the painters tape.

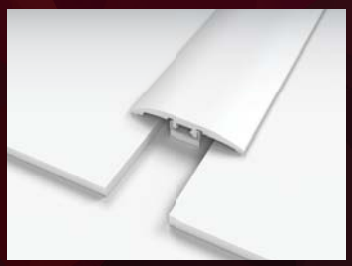
While pressing both ends firmly together, stretch a piece of painter's tape tightly across the corner edge to keep the moldings from separating while the adhesive cures **(Q).**

Place a heavy weight across the seams **(R)**.

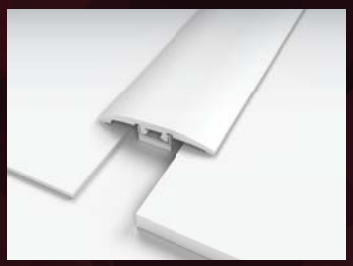
Let the Molding Adhesive cure for 48 hours before heavy traffic. Once dry, you can remove painter's tape from stairs.

**** Premium Polyurethane Construction Adhesive***

SLIM TRIM
4-IN-1 TRANSITION



T-Molding



Hard Surface Reducer

End Molding

Carpet Transition

Performance Accessories' exclusive 4-in-1 transition allows you to utilize a single transition for four different applications.

Note: Available for both Rigid Click and Flexible Glue Down Platforms.

Technical Information — Sizes

SlimTrim

Our SlimTrim functions as a Reducer, T-Molding, and End Cap. Comes with track & shim for floors up to 1/4" (6.35mm) or dowels for floors up to 3/4" (19mm). *See illustrations below for details.*

Surface Material: High Wear Resistant Aluminum Oxide Laminate

Core Material: PVC

Track

To be used with SlimTrim for floors up to 1/8" (3mm) thickness. Also, used in conjunction with the Shim for 1/8"-1/4"* (3-6.35mm). *See illustrations below for details.*

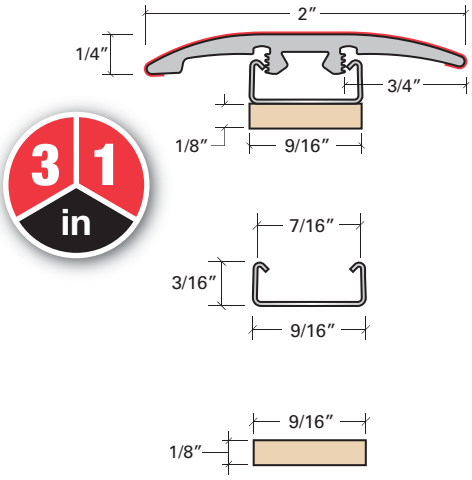
Material: Cold Roll Steel

*** For floors thicker than 1/4" (6.35mm), use dowel installation**

Shim

Used with SlimTrack installation to extend thickness range.

Material: Standard HDF

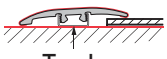


Installation*

LVT Floors

1 Hard Surface Reducer:

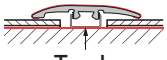
Up to 1/4" (0-6.35mm)**



Track

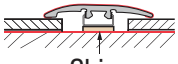
2 T-Molding:

1/16 to 1/8" (1.6-3mm)**



Track

1/8-1/4" (3-6.35mm)**

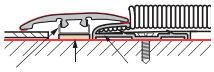


Shim

3 Carpet Transition:

Hard Surface to Carpet

Up to 1/4" (0-6.35mm)**

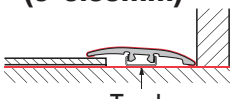


Track Shim Carpet Transition

4 End Molding:

Hard Surface to Threshold, Sliding Door, etc.

Up to 1/4" (0-6.35mm)**



Track

*The installation instructions shown on this page are suggestions of how to install our moldings. Daltile does not assume responsibility for any product failure or liability due to installations that are in violation of the flooring manufacturer's installation guidelines and/or warranties.

**All references to flooring thickness refer to the total thickness of all members of the floor installation being laid upon the subfloor. This typically is comprised of the flooring plank, e.g. Vinyl, the underlayment, either attached or loose lay and any additional vapor barriers.

PROSERIES™ SLIM TRIM 4-In-1 Transition

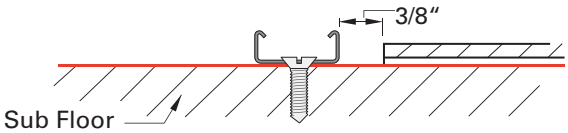
PROSERIES™ LUXURY VINYL FLOORING daltile

SlimTrim as a Hard Surface Reducer

Use Track (Metal Track) for up to 6.35 mm floors.

Up to 1/4" (6.35 mm) Floors

If the flooring manufacturer suggests/permits the use of underpayments, you may need to shim the track to accommodate the increase in overall thickness

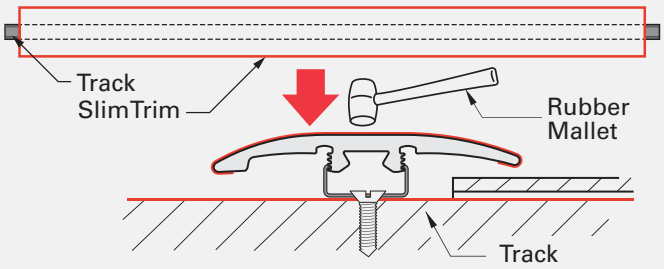


This end of the SlimTrim MUST be placed on the lower of the two surfaces.

Step 1

Install the flooring plank*. Then place the Track 3/8" from the floor and screw it to the sub-floor using #6 screws.

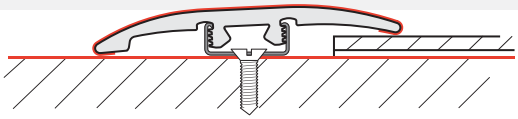
IMPORTANT: Rock SlimTrim back & forth to make sure it is sitting inside the track BEFORE hammering in!



If SlimTrim wiggles back and forth, it is NOT set in the track properly and will be damaged when hammered in!

Step 2

Line the SlimTrim molding up with the Track and fit one end into the molding. Using a rubber mallet, tap the molding until it engages with the track. **Use your hand to guide the molding into the track as you work your way down**, tapping it in, similar to how you would close a zip-loc bag.

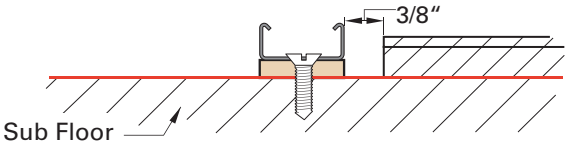


Step 3

Next, go up and down the molding several times, tapping the SlimTrim all the way into the track. You can use a little more force once you are sure it is properly engaged in the track.

Use SlimTrack & Shim for 6.35-9.5 mm floors. Use the same molding & track, just add Shim.

For 6.35 - 9.5mm WPC/LVT Floors

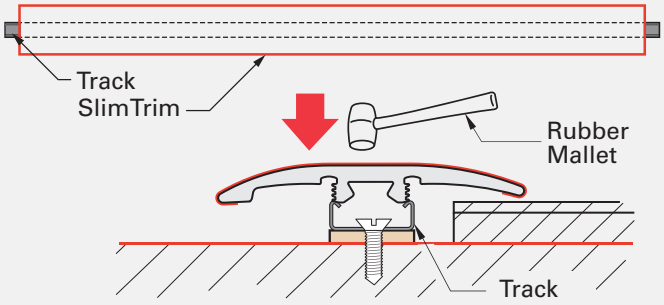


This end of the SlimTrim MUST be placed on the lower of the two surfaces.

Step 1

Install the flooring plank*. Then place the track & shim 3/8"from the floor and screw it to the sub-floor using #6 screws.

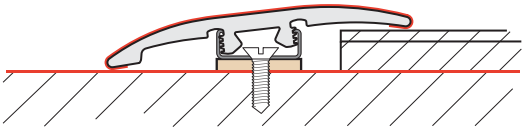
IMPORTANT: Rock SlimTrim back & forth to make sure it is sitting inside the track BEFORE hammering in!



If SlimTrim wiggles back and forth, it is NOT set in the track properly and will be damaged when hammered in!

Step 2

Line the SlimTrim molding up with the Track and fit one end into the molding. Using a rubber mallet, tap the molding until it engages with the track. **Use your hand to guide the molding into the track as you work your way down**, tapping it in, similar to how you would close a zip-loc bag.



Step 3

Next, go up and down the molding several times, tapping the SlimTrim all the way into the track. You can use a little more force once you are sure it is properly engaged in the track.

PROSERIES™ SLIM TRIM 4-In-1 Transition

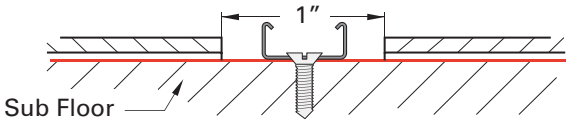
PROSERIES™ LUXURY VINYL FLOORING daltile

SlimTrim as a T-Molding

Use Track (Metal Track) for 1.6 - 3 mm floors.

1/16 to 1/8" (1.6-3 mm) Floors

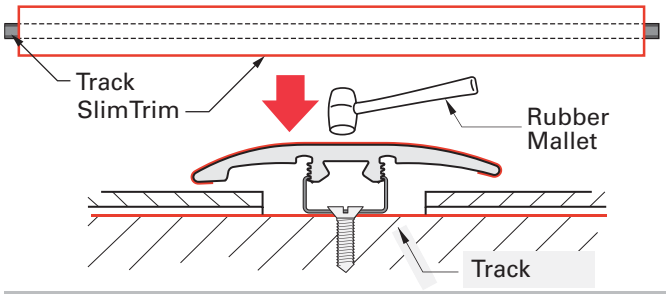
***If the flooring manufacturer suggests/permits the use of underlayments, you may need to shim the track to accommodate the increase in overall thickness**



Step 1

Install the flooring planks* by leaving a 1" inch (25mm) gap for the installation of the SlimTrim. Center the track between the two laminate floors and screw it to the sub floor by using #6 screws.

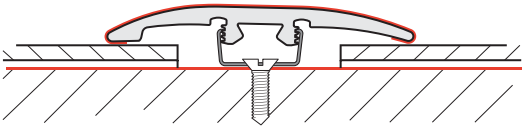
IMPORTANT: Rock SlimTrim back & forth to make sure it is sitting inside the track BEFORE hammering in!



If SlimTrim wiggles back and forth, it is NOT set in the track properly and will be damaged when hammered in!

Step 2

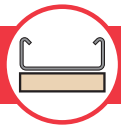
Line the SlimTrim molding up with the Track and fit one end into the molding. Using a rubber mallet, tap the molding until it engages with the track. **Use your hand to guide the molding into the track as you work your way down,** tapping it in, similar to how you would close a zip-loc bag.



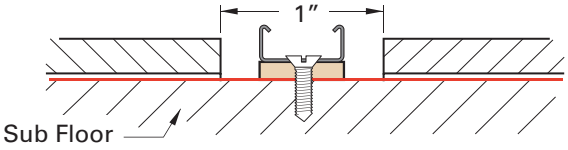
Step 3

Next, go up and down the molding several times, tapping the SlimTrim all the way into the track. You can use a little more force once you are sure it is properly engaged in the track.

Use Track & Shim for 4-6.35 mm floors. Use the same molding & track, just add shim.



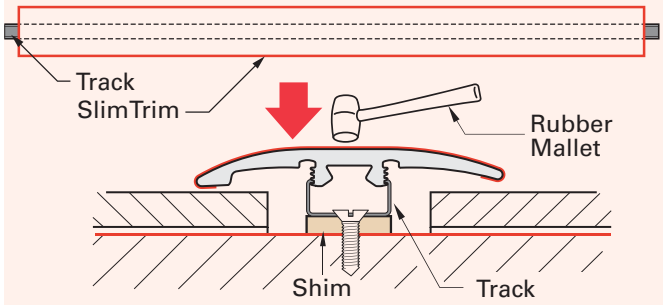
1/8 to 1/4" (3-6.35 mm) Floors



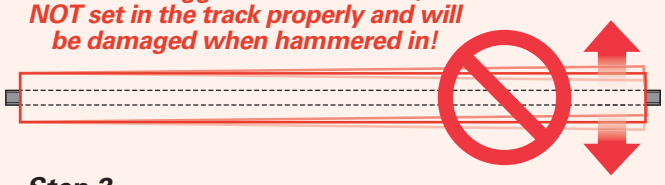
Step 1

Install the flooring planks by leaving a 1" inch (25mm) gap for the installation of the SlimTrim. Center the track and shim between the two laminate floors and screw them to the sub floor by using #6 screws.

IMPORTANT: Rock SlimTrim back & forth to make sure it is sitting inside the track BEFORE hammering in!

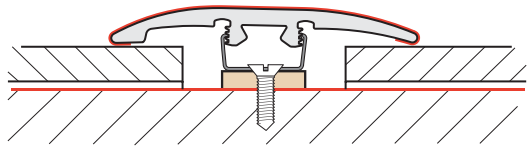


If SlimTrim wiggles back and forth, it is NOT set in the track properly and will be damaged when hammered in!



Step 2

Line the SlimTrim molding up with the Track and fit one end into the molding. Using a rubber mallet, tap the molding until it engages with the track. **Use your hand to guide the molding into the track as you work your way down,** tapping it in, similar to how you would close a zip-loc bag.



Step 3

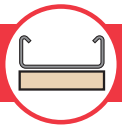
Next, go up and down the molding several times, tapping the SlimTrim all the way into the track. You can use a little more force once you are sure it is properly engaged in the track.

PROSERIES™ SLIM TRIM 4-In-1 Transition

PROSERIES™ LUXURY VINYL FLOORING daltile

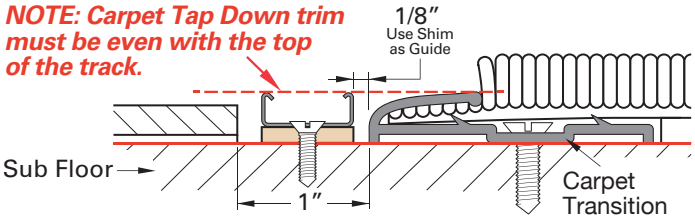
SlimTrim as a Carpet Transition

Use Track & Shim for up to 6.35 mm floors. Use the same molding & track, just add shim.



Up to 1/4” (0-6.35 mm) Floors

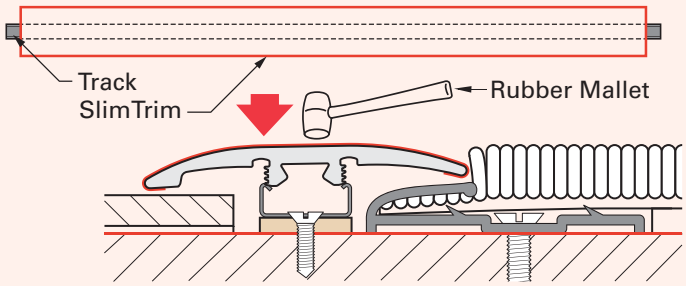
NOTE: Carpet Tap Down trim must be even with the top of the track.



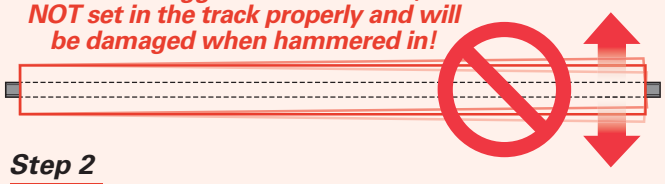
Step 1

Install the flooring plank and carpet (using a carpet tap down trim) by leaving a 1" inch (25mm) gap for the installation of the SlimTrim. Position the track 3/4” from where the of the Carpet Transition trim meets the carpet and screw them to the sub floor by using #6. The Carpet Transition trim must be even with the top of the track.

IMPORTANT: Rock SlimTrim back & forth to make sure it is sitting inside the track BEFORE hammering in!

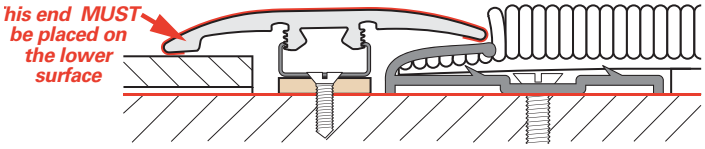


If SlimTrim wiggles back and forth, it is NOT set in the track properly and will be damaged when hammered in!



Step 2

Line the SlimTrim up with the track and fit one end into the molding. Using a rubber mallet, tap the molding until it engages with the track. **Use your hand to guide the molding into the track as you work your way down,** tapping it in, similar to how you would close a zip-loc bag.



Step 3

Next, go up and down the molding several times, tapping the SlimTrim all the way into the track. You can use a little more force once you are sure it is properly engaged in the track.

FULL ROUND STAIR TREAD

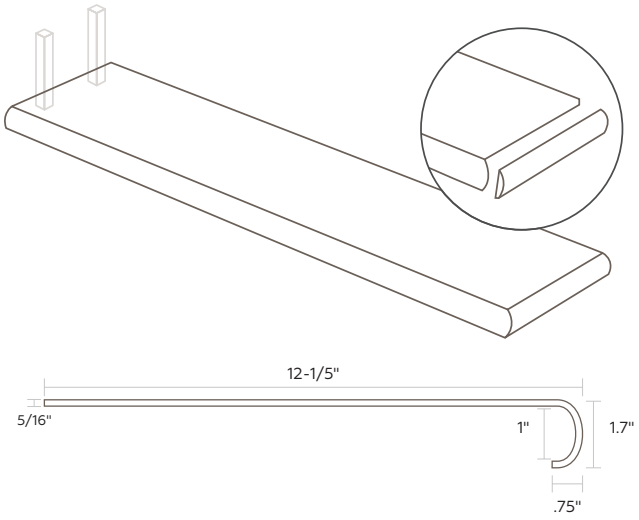
A vinyl stair tread with pre-attached stair nosing.
Can be used on steps with or without nosing.

FULL ROUND STAIR TREAD INSTALLATION GUIDE

PROSERIES™ LUXURY VINYL FLOORING
daltile

SPECIFICATIONS

- 12-1/5" W x 50" L x 5/16" T
  (50" includes the width of left and right returns.
  The length without returns is 48")
- Thickness of "overlap": 1.7"
- 1 piece per carton
- 100% Waterproof, kidproof, petproof
- Pre-attached nosing for easy front installation
- Includes end cap to be cut to size for the right or left side, the adhere to tread for open staircases
- Seamless one-piece stair tread
- Meets building code



TOOLS & MATERIALS

- ✓ Gloves, Safety Glasses, Dust Mask
- ✓ Measuring Tape
- ✓ Pliers
- ✓ Hammer
- ✓ Vacuum
- ✓ 5 in 1 Tool/Scraper
- ✓ Heavy Duty, Urethane Construction Adhesive
- ✓ Caulking Gun
- ✓ Sliding Miter Saw With Carbide Tipped Blade
- ✓ Table Saw With Carbide Tipped Blade
- ✓ T-Bevel or Angle Gauge
- ✓ 100 Grit Sandpaper
- ✓ Brad/Finish Nailer
- ✓ Denatured Alcohol
- ✓ Matching Wood Filler

FULL ROUND STAIR TREAD INSTALLATION GUIDE

PROSERIES™ LUXURY VINYL FLOORING daltile

PREPARING FOR INSTALLATION

The **FULL ROUND STAIR TREAD** can be installed on steps with or without nosing. Any stair nosing greater than 1" thick and .25" deep will require to be uninstalled creating a squared off step. This can be achieved by utilizing a circular saw to cut off as much overhang to position it as close to the stringers as possible. A hammer and chisel can be used to remove the remaining end portions.

Prior to installation of the **FULL ROUND STAIR TREAD**:

1. The entire staircase should be clean. by removing any carpet, staples and padding. Any nails that are inhibiting installation must be flattened. Remove any debris or obstruction that might interfere with the installation by vacuuming the stairs.

2. It is imperative that the staircase is structurally stable by repairing or reinforcing any steps that may be loose or create noise.

If staircase has pre-existing spindles, make sure to remove prior to **FULL ROUND STAIR TREAD** installation. After stair tread installation, is completed, re install the spindles. Do not cut stair tread around existing spindles.

MEASURING/FITTING

FULL ROUND STAIR TREADS

3. Measure the width of each step, from stringer to stringer, where the riser meets the step, as well as the front portion of the step or the stringer to step end for Open Steps. **Use a T-Bevel or Angle Gauge** to assure a proper fit as each step will vary in size. Transfer these measurements to the **FULL ROUND STAIR TREAD**.

4. For "open steps" cut one side of the expose side profile or for "boxed steps" cut both sides of the **FULL ROUND STAIR TREAD** with a sliding miter saw.

5. Once the step has been carefully measured, cut the entire length of the each **FULL ROUND STAIR TREAD** with a table saw to the specific dimension.

INSTALLING

6. The **FULL ROUND STAIR TREAD**, should be installed from the bottom of the staircase to the top, beginning with the bottom riser. Then alternate by installing tread, riser, tread riser until entire staircase is completed.

7. Lightly sand the back of the **FULL ROUND STAIR TREAD** with 100 grit sandpaper and wipe the surface with denatured alcohol applied to a clean cloth to aid in adhesion. This will improve the adhesion of the tread to the step.

8. Apply a 1/4" bead of Heavy Duty Urethane Construction Adhesive to the back side of the bottom riser around the perimeter as well as a serpentine bead throughout the middle.

9. Fit riser into place and reinforce with brad nails at the top if necessary. Place the nail close enough to the top edge so that the following **FULL ROUND STAIR TREAD** covers the nail holes.

10. Apply adhesive to the next **FULL ROUND STAIR TREAD** in the sequence and fit into place.

11. Repeat all steps until staircase is completed.

12. Secure each tread with 2 to 3 brad nails across the width of the tread without getting to close to 1/4 inch from the current riser. The tread riser will be used to cover any brad nails installed. This process will assist keeping the **FULL ROUND STAIR TREAD** in place while installing from bottom to top.

13. For "open steps", place the included edge cap by the side of the stair tread to check that the miter aligns with the tread. Verify where the edge cap will end and mark with a pencil the short end where the 45-degree cut will be done.
Once the edge cap is cut, drill 2 piolet holes into the edge cap. The holes need to be 4" apart from each other. Insert the dowels into the holes and use the dowels to mark where the holes in the substrate need to be drilled. Mark the holes on the substrate and drill the holes to insert the dowels into place. Add glue to attach the edge cap onto the substrate and full stair tread. Glue on the 45- degree return to the edge cap in order to cover the raw edge. For a stronger bond, add brad nails and fill the holes with putty.

14. To conceal the raw end of the riser, an end cap can be attached to give a finished look.

TOP STEP

15. To finish the top step, use a coordinating Extra Tall Stair Nose, or a Round Stair Nose. A Vinyl Stair Cap also can be used if the product installed is rigid click product.

FINAL DETAILS

16. Caulk needs to be used to fill any gaps around treads and risers.

7834 C.F. Hawn Freeway,
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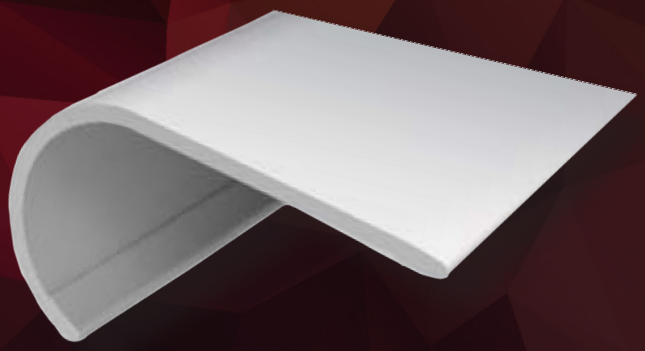
PROSERIES™ LUXURY VINYL FLOORING daltile

ROUND STAIR NOSE

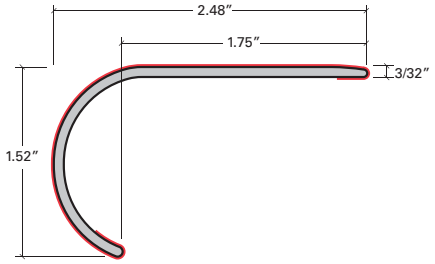


Creates a transition to the edge of the step by overlapping the flooring on the back end. Can also be installed flush on floors with an overall thickness up to 4 mm.*

* References to flooring thickness refer to the total thickness of all members of the floor installation being laid upon the subfloor. This typically is comprised of the flooring plank, e.g. Vinyl or Laminate, the underlayment, either attached or loose lay and any additional vapor barriers.

Note: Available for both Rigid Click and Flexible Glue Down Platforms.

Technical Information — Sizes



Round Stair Nose

The Round Stair Nose combines style and function to enhance the beauty of a staircase or step. For use on flooring with an overall thickness of up to 19 mm (0.75″).

Surface Material: High Wear Resistant Aluminum Oxide Laminate

Core Material: PVC

Shim

To be used with the Round Stair Nose for floors in flush installations *(See illustrations at bottom right).*

Material: Standard MDF/HDF

Bullnose Shim

To be used to install the RSN on **Box Staircases** to create a rounded step and to add more stabilization for the Stair Nose.

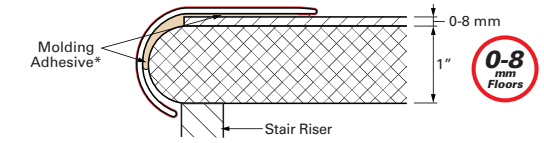
Material: Standard MDF

Installation*

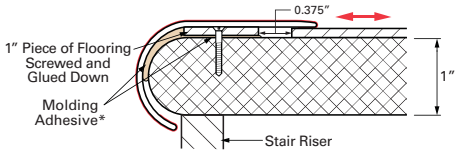
Overlap Install

"Lock-Down" Installs

Used where floating of the floor is not required, as with Stair Tread or Glued-Down/Nailed-Down floors. This can be used on floating floors where expansion and contraction will occur on the opposite side of the flooring plane.



"Floating" Install

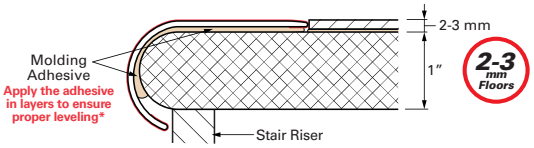


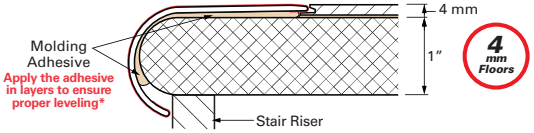
Flush Install

"Lock-Down" Installs

Used where floating of the floor is not required, as with Stair Tread or Glued-Down/Nailed-Down floors. This can be used on floating floors where expansion and contraction will occur on the opposite side of the flooring plane.

Tongue side of plank MUST face the Stair Nose. Stair Nose, Shims, and flooring planks must be glued down to subfloor.



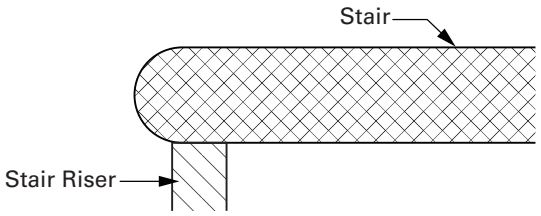


**** Premium Polyurethane Construction Adhesive***

Round Stair Nose

Overlap "Lock-Down" Installation

Flooring with an overall thickness of 0-8 mm



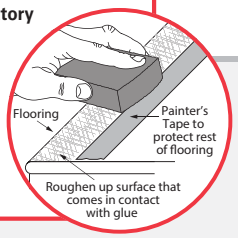
Step 1

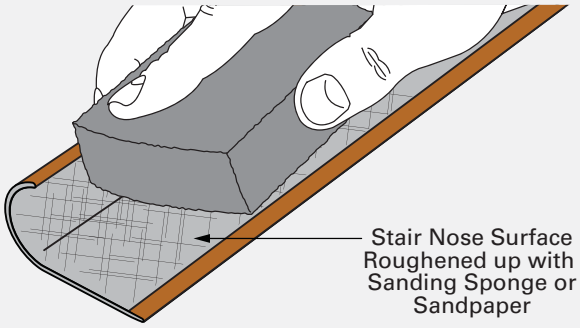
Install the riser flush to the stair. Glue down flooring planks (for more details see manufacturers recommendations). Then, clean flooring and molding as directed below:

CLEANING PREPARATION FOR BOTH SURFACES

Preparing the floor & molding as outlined is mandatory to achieve the required bonding strength

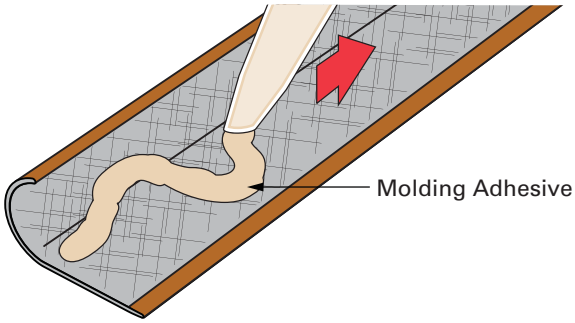
1. Use a damp cloth (water only) to clean both surfaces of loose particles or surface films.
2. Roughen the surfaces with sandpaper (100-150 grit), sanding sponge or metal brush. For flooring, only roughen up area that will be covered (1.25" to 1.5").
3. Degrease both surfaces to remove all traces of oil, grease, dust, and fingerprints by using a light solvent such isopropyl alcohol (Refer to the manufacturer's recommendations for additonal safe cleaning agents).
4. Let both surfaces dry thoroughly before applying adhesive.





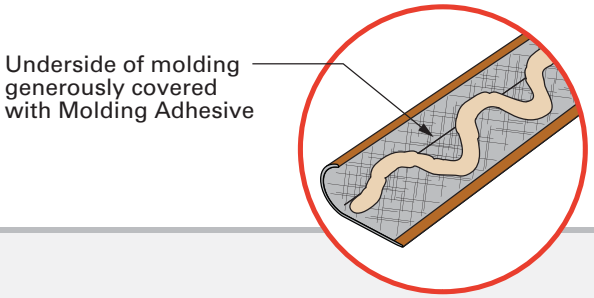
Step 2

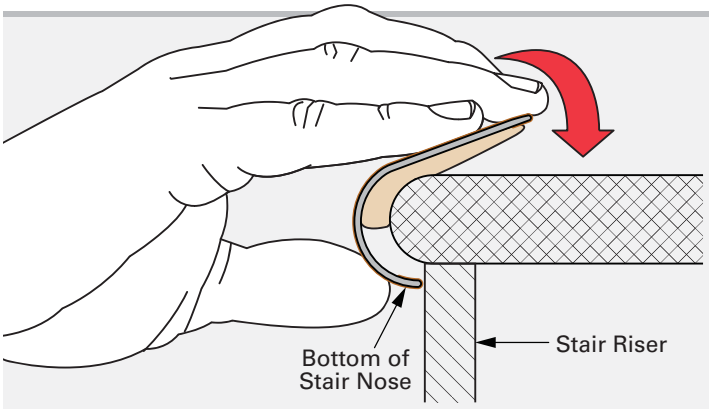
Turn Stair Nose over and roughen the inside surface of the molding to increase bond by means of 60 grit sandpaper, sanding sponge, or a metal brush.



Step 3

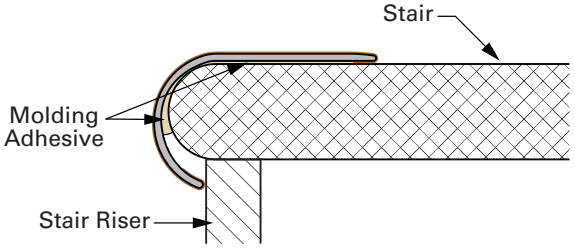
Next, apply a generous bead of a Molding Adhesive* along the entire inside corner.





Step 4

Touch the bottom of molding to the stair riser and carefully roll the Stair Nose in place. Make any final adjustments before you push the molding all the way down. Once it's in the final position, press down firmly with your hands and make your way down the entire stair nose. It may take 2 or 3 passes to set it firmly in place.



Step 5

Allow at least 24 hours for the Molding Adhesive to form a bond. You should always start at top of stairs and work your way down to avoid contact with the installed moldings until cured.

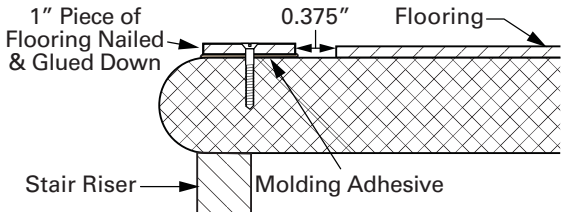
NOTE: *Complete cure takes 48-72 hours.*

**** Premium Polyurethane Construction Adhesive***

Round Stair Nose

Overlap "Floating" Installation

Flooring with an overall thickness of 0-8 mm



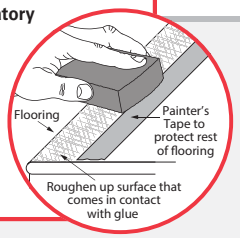
Step 1

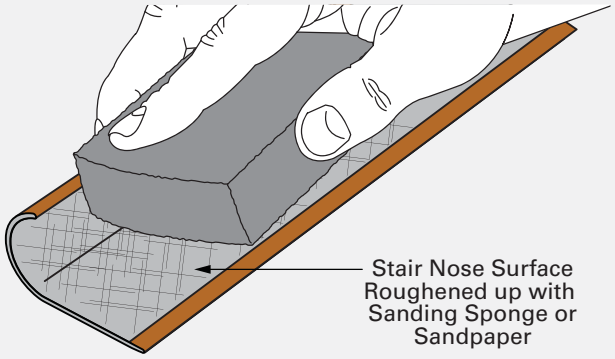
Install the riser flush to the stair. Cut a 1" wide strip of your floor. Drill, counter-sink, screw and glue it flush to the stair riser. Install flooring 0.375" from the glued down 1"strip. **DO NOT glue flooring down**. Clean flooring and molding as directed below:

CLEANING PREPARATION FOR BOTH SURFACES

Preparing the floor & molding as outlined is mandatory to achieve the required bonding strength

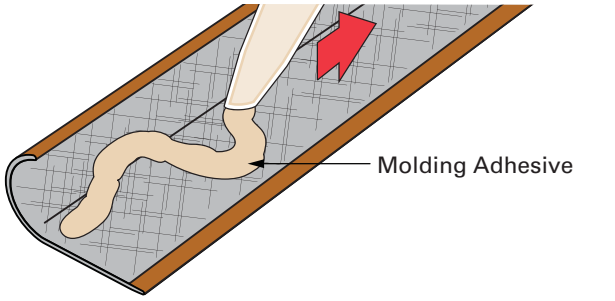
1. Use a damp cloth (water only) to clean both surfaces of loose particles or surface films.
2. Roughen the surfaces with sandpaper (100-150 grit), sanding sponge or metal brush. For flooring, only roughen up area that will be covered (1.25" to 1.5").
3. Degrease both surfaces to remove all traces of oil, grease, dust, and fingerprints by using a light solvent such isopropyl alcohol (Refer to the manufacturer's recommendations for additonal safe cleaning agents).
4. Let both surfaces dry thoroughly before applying adhesive.





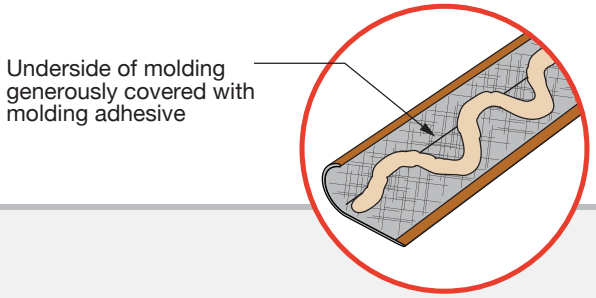
Step 2

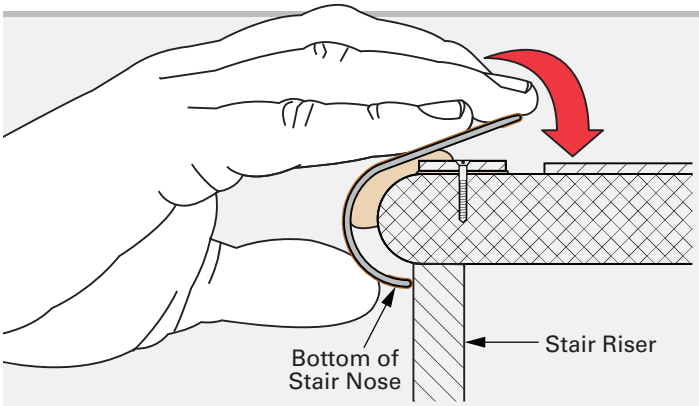
Turn Stair Nose over and roughen the inside surface of the molding to increase bond by means of 60 grit sandpaper, sanding sponge, or a metal brush.



Step 3

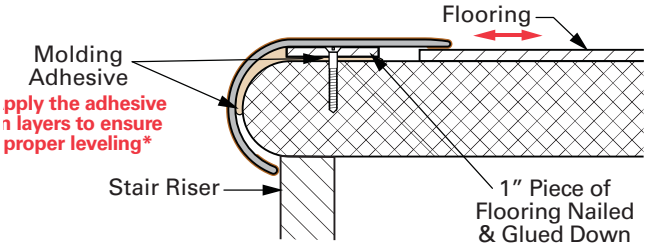
Next, apply a generous bead of a molding adhesive* along the entire inside corner.





Step 4

Touch the bottom of molding to the stair riser and carefully roll the Stair Nose in place. Make any final adjustments before you push the molding all the way down. Once it's in the final position, press down firmly with your hands and make your way down the entire stair nose. It may take 2 or 3 passes to set it firmly in place.



Step 5

Allow at least 24 hours for the molding adhesive to form a bond. You should always start at top of stairs and work your way down to avoid contact with the installed moldings until cured.

NOTE: *Complete cure takes 48-72 hours.*

**** Premium Polyurethane Construction Adhesive***

Round Stair Nose

Flush "Lock-Down" Installation

Flooring with an overall thickness of 2-3 mm

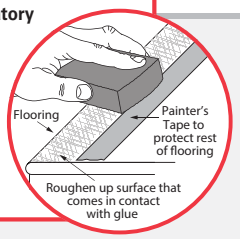
Step 1

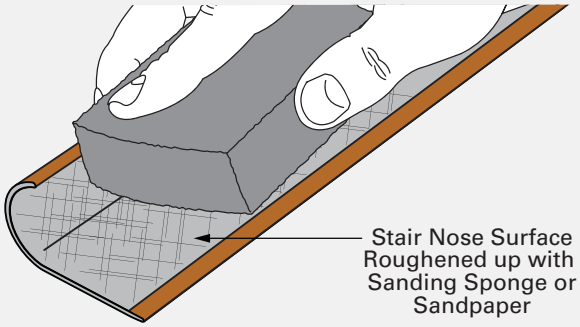
Install the riser flush to the stair. Use Stair Nose to determine where to start your flooring. Stair Nose must fit snuggly next to plank. Remove Stair Nose and **glue the flooring plank down**. **Remove underlayment 2" back** from floor before you glue plank down. Clean flooring and molding as directed below:

CLEANING PREPARATION FOR BOTH SURFACES

Preparing the floor & molding as outlined is mandatory to achieve the required bonding strength

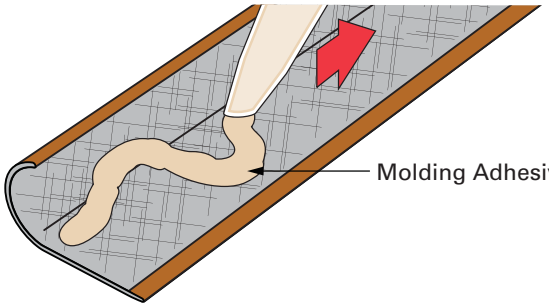
1. Use a damp cloth (water only) to clean both surfaces of loose particles or surface films.
2. Roughen the surfaces with sandpaper (100-150 grit), sanding sponge or metal brush. For flooring, only roughen up area that will be covered (1.25" to 1.5").
3. Degrease both surfaces to remove all traces of oil, grease, dust, and fingerprints by using a light solvent such isopropyl alcohol (Refer to the manufacturer's recommendations for additonal safe cleaning agents).
4. Let both surfaces dry thoroughly before applying adhesive.





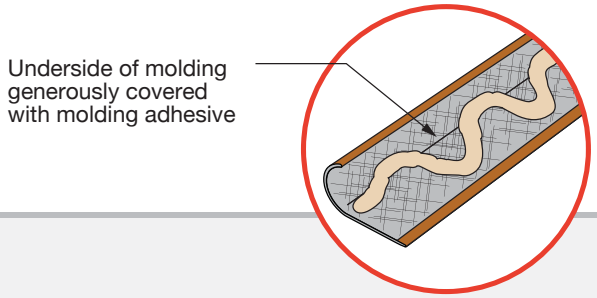
Step 2

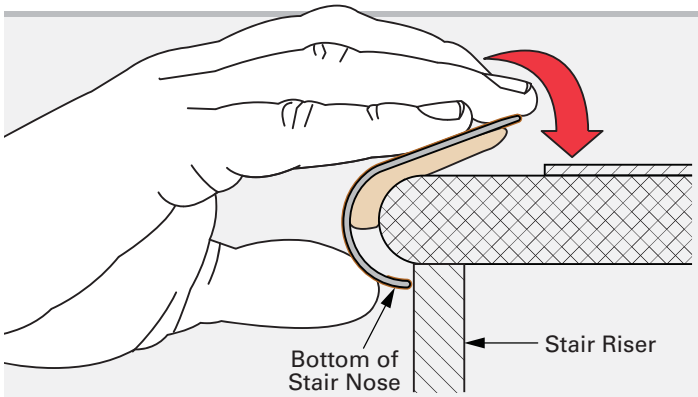
Turn Stair Nose over and roughen the inside surface of the Stair Nose to increase bond by means of 60 grit sandpaper, sanding sponge, or a metal brush.



Step 3

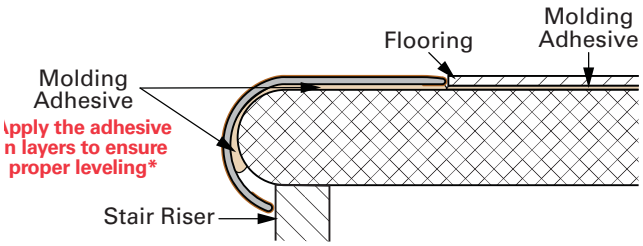
Next, apply a generous bead of a molding adhesive* along the entire inside corner.





Step 4

Touch the bottom of molding to the stair riser and carefully roll the Stair Nose in place. Make any final adjustments before you push the molding all the way down. Once it's in the final position, press down firmly with your hands and make your way down the entire stair nose. It may take 2 or 3 passes to set it firmly in place.



Step 5

Allow at least 24 hours for the molding adhesive to form a bond. You should always start at top of stairs and work your way down to avoid contact with the installed moldings until cured.

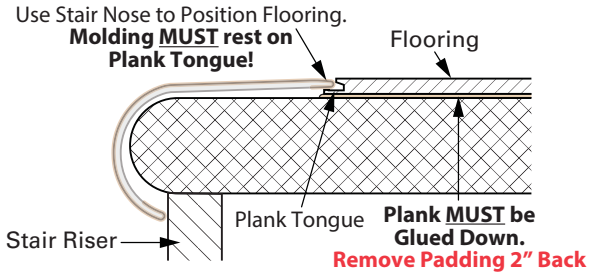
NOTE: *Complete cure takes 48-72 hours.*

**** Premium Polyurethane Construction Adhesive***

Round Stair Nose

Flush "Lock-Down" Installation

Flooring with an overall thickness of 4 mm



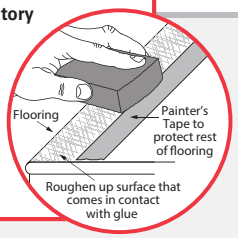
Step 1

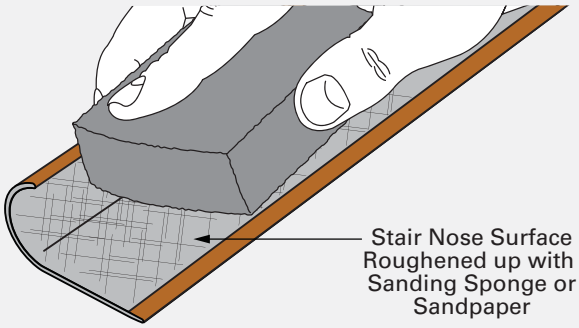
Install the riser flush to the stair. Use Stair Nose to determine where to start your flooring. ***Tongue side of flooring plank MUST face Stair Nose*** so Stair Nose can fit snuggly onto Tongue. Remove Stair Nose and **glue the flooring plank down**. **Remove padding 2" back** from plank before you glue it down. Clean flooring and molding as directed below:

CLEANING PREPARATION FOR BOTH SURFACES

Preparing the floor & molding as outlined is mandatory to achieve the required bonding strength

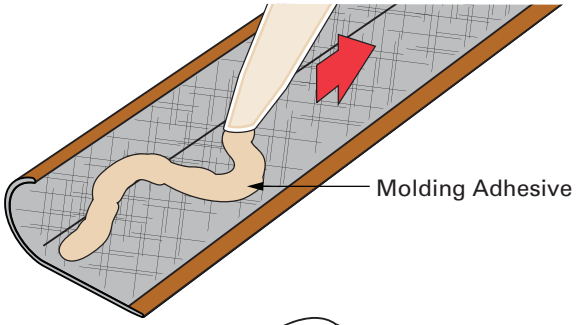
1. Use a damp cloth (water only) to clean both surfaces of loose particles or surface films.
2. Roughen the surfaces with sandpaper (100-150 grit), sanding sponge or metal brush. For flooring, only roughen up area that will be covered (1.25" to 1.5").
3. Degrease both surfaces to remove all traces of oil, grease, dust, and fingerprints by using a light solvent such isopropyl alcohol (Refer to the manufacturer's recommendations for additonal safe cleaning agents).
4. Let both surfaces dry thoroughly before applying adhesive.





Step 2

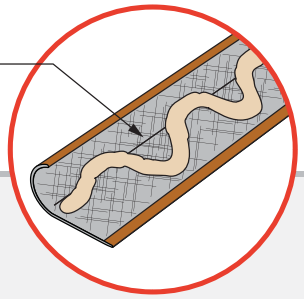
Turn Stair Nose over and roughen the inside surface of the Stair Nose to increase bond by means of 60 grit sandpaper, sanding sponge, or a metal brush.

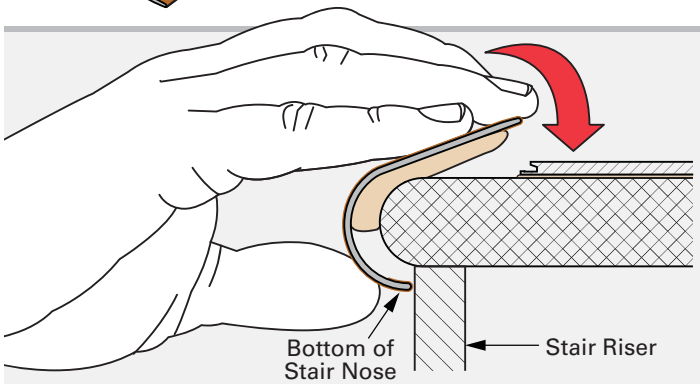


Step 3

Next, apply a generous bead of a molding adhesive* along the entire inside corner. Reveal edge of plank may show when Stair Nose is installed. To compensate, apply a little more adhesive to the molding.

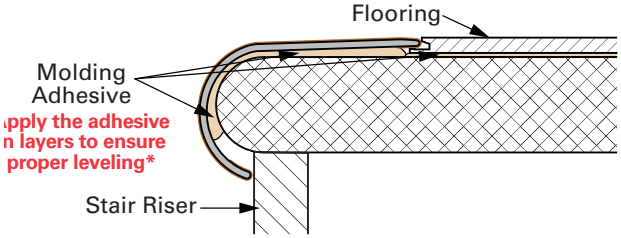
Underside of molding generously covered with molding adhesive





Step 4

Touch the bottom of molding to the stair riser and carefully roll the Stair Nose in place. Make any final adjustments before you push the molding all the way down. Once it's in the final position, press down firmly with your hands and make your way down the entire stair nose. It may take 2 or 3 passes to set it firmly in place.



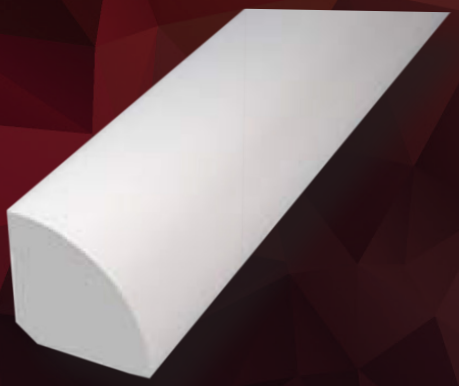
Step 5

Allow at least 24 hours for the molding adhesive to form a bond. You should always start at top of stairs and work your way down to avoid contact with the installed moldings until cured.

NOTE: *Complete cure takes 48-72 hours.*

**** Premium Polyurethane Construction Adhesive***

QUARTER ROUND



Conceals the expansion space between the wall and the flooring.

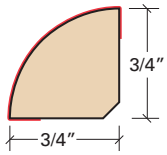
Technical Information — Sizes

Quarter Round

Quarter Rounds are used to conceal the required expansion space between the wall and the LVF. ***Available as Standard or Moisture Resistant.***

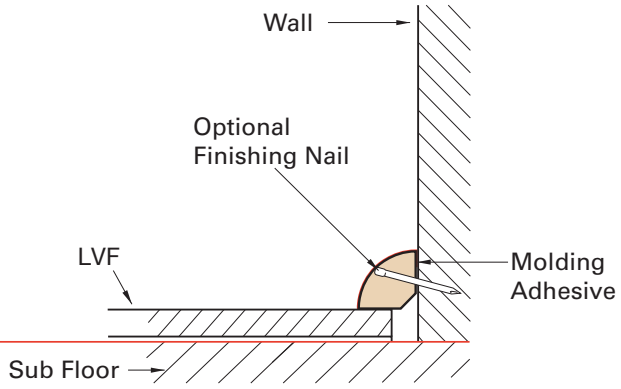
Surface Material: Decorative Paper

Core Material:
Standard Quarter Round: Standard MDF.

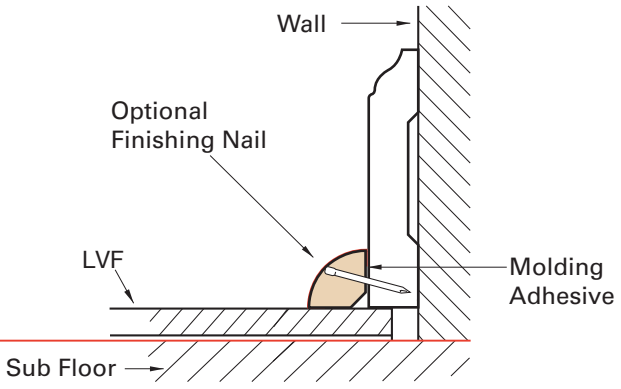


Installation

Quarter Round

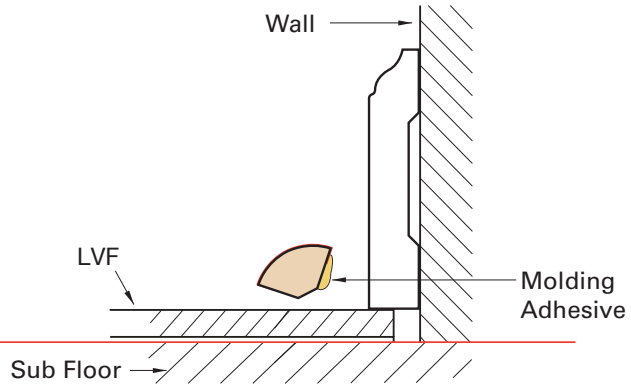


Quarter Round with Existing Wall Base



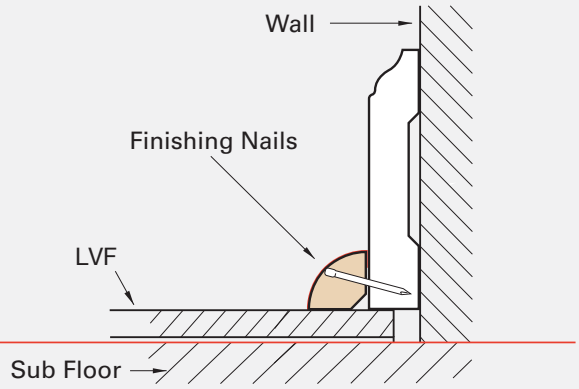
Quarter Round to an Existing Base Molding

Apply one thin bead of molding adhesive* to the back of the Quarter Round and attach it to the existing base molding. Support it with a heavy object until the adhesive has cured so it won't pop off the wall (about 24 hours).



Step 1

Optional Step: Use finishing nails in the Quarter Round every 16 inches. Finish up the nails with a color matching Color Fill!

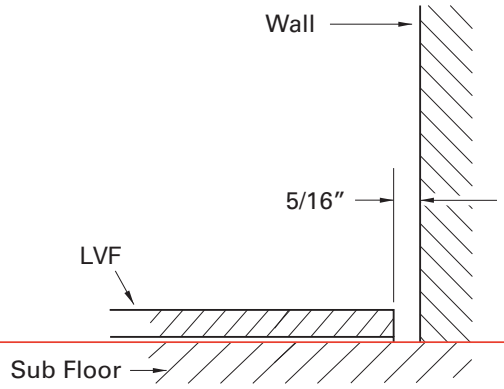


Step 2

**** Premium Polyurethane Construction Adhesive***

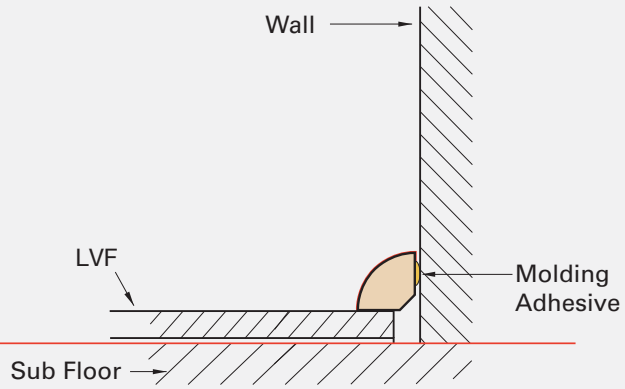
Quarter Round

Leave a gap between the wall and the floor as suggested by the manufacturer of the floor, but no more than 1/2" to allow the molding to sit on the floor!



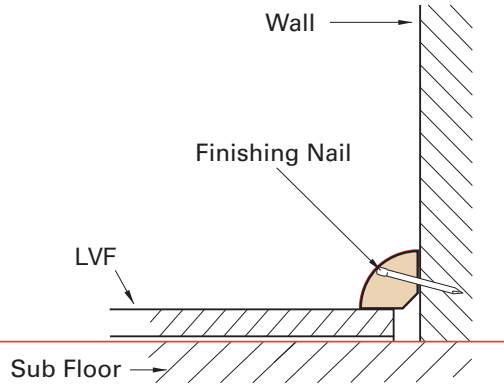
Step 1

Apply one thin bead of molding adhesive* to the back of the Quarter Round and attach it to the wall. Support it with a heavy object until the adhesive has cured so it won’t pop off the wall (about 24 hours).



Step 2

Optional Step: Use finishing nails in the Quarter Round every 16 inches. Finish up the nails with a color matching Color Fill!



Step 3

**** Premium Polyurethane Construction Adhesive***

SLIM CAP

Low profile end cap used to transition from flooring to carpet, masonry, sliding doors, and other exterior door jambs.

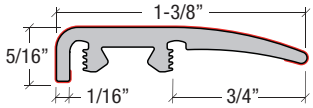
Technical Information — Sizes

Slim Cap

Slim Cap is used to transition from vinyl to carpet, masonry (fireplaces), sliding doors and other exterior door jambs.

Surface Material: High Wear Resistant Aluminum Oxide Laminate

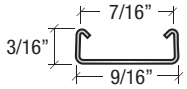
Core Material: PVC



Track

To be used with Slim Cap for floors up to 4.5mm thickness including underlayment. Also, used in conjunction with 1 Versatrack Shim for 5-9.5mm floors including underlayment and 2 shims for 10-12.7mm floors including underlayment.

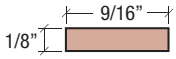
Material: Cold Roll Steel



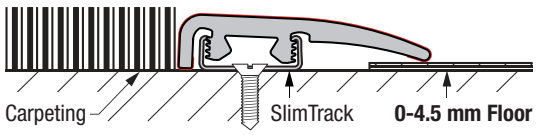
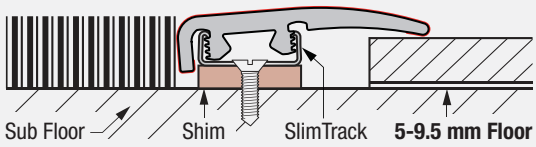
Shim

Slim Cap in conjunction with the SlimTrack or Versatrack for floors from 5mm-12.7mm thickness including underlayment.

Material: Standard HDF



Installation*

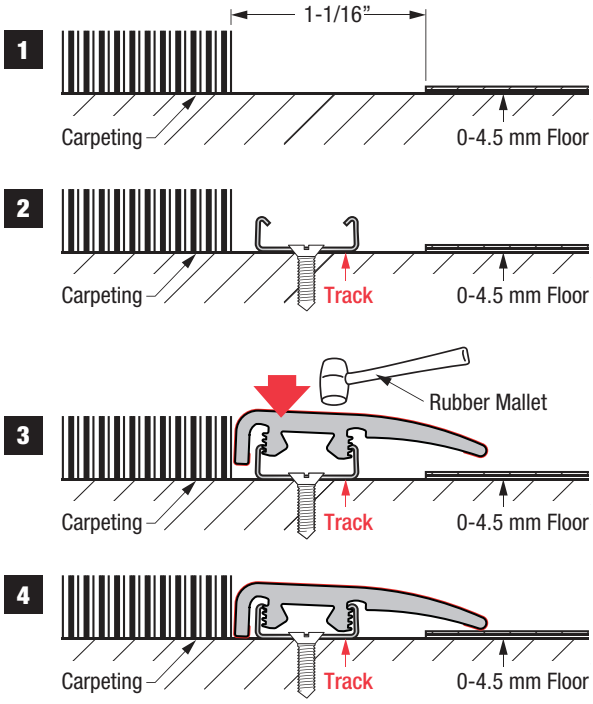
FLOOR THICKNESS:	The overall flooring assembly thickness refers to the total thickness of all members of the floor installation being laid upon the subfloor. This typically is comprised of the flooring plank, the underlayment, either attached or loose lay and any additional vapor barriers.
Track Floors Up to 3/16" (0 - 4.5 mm)**	
Track & Shim Floors 3/16 - 3/8 (4.5 - 9.5 mm)**	

*The installation instructions shown on this page are suggestions of how to install our moldings. Daltile does not assume responsibility for any product failure or liability due to installations that are in violation of the flooring manufacturer's installation guidelines and/or warranties.

**All references to flooring thickness refer to the total thickness of all members of the floor installation being laid upon the subfloor. This typically is comprised of the flooring plank, e.g. Vinyl, the underlayment, either attached or loose lay and any additional vapor barriers.

Floors Up to 3/16” (0 - 4.5 mm)

Track

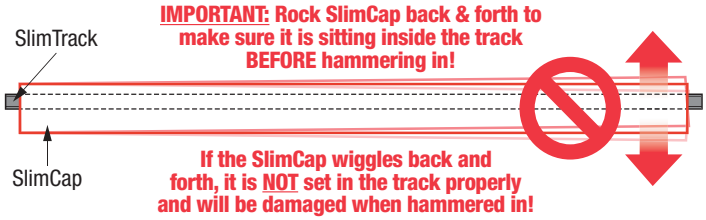


If the flooring manufacturer suggests/permits the use of underlayments, you may need to shim the track to accommodate the increase in overall thickness

Step 1: Install the flooring planks including the underlayment by leaving a 1-1/16" inch (27mm) gap for the installation of the SlimCap molding.

Step 2: Place the Track between the carpet and the flooring. Use the molding for a guide. Screw it to the subfloor by using #6x5/8” screws.

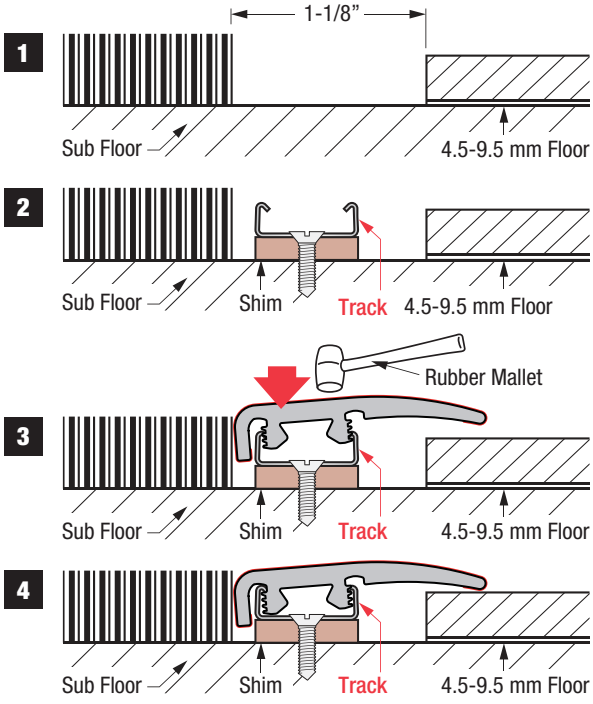
Step 3: Line the SlimCap up with the track and fit one end into the molding. Using a rubber mallet, tap the molding until it engages with the track. **Use your hand to guide the molding into the track as you work your way down**, tapping it in, similar to how you would close a zip-loc bag.



Step 4: Next, go up and down the molding several times, tapping the SlimCap all the way into the track. You can use a little more force once you are sure it is properly engaged in the track.

Floors 3/16 - 3/8 (4.5 - 9.5 mm)

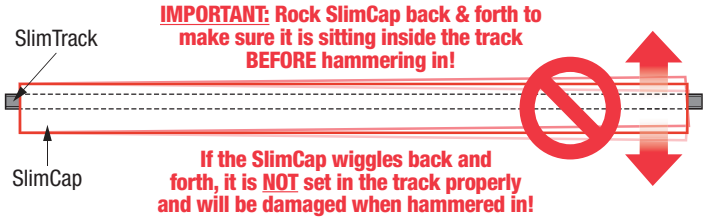
Track Track Shim



Step 1: Install the flooring planks including the underlayment by leaving a 1-1/16" inch (27mm) gap for the installation of the SlimCap molding.

Step 2: Place the Track and shim between the carpet and the flooring. Use the molding for a guide. Screw them to the subfloor by using #6x5/8” screws.

Step 3: Line the SlimCap up with the track and fit one end into the molding. Using a rubber mallet, tap the molding until it engages with the track. **Use your hand to guide the molding into the track as you work your way down**, tapping it in, similar to how you would close a zip-loc bag.



Step 4: Next, go up and down the molding several times, tapping the SlimCap all the way into the track. You can use a little more force once you are sure it is properly engaged in the track.