



VINYL TILE FLOORING



WHY TRAFFICMASTER VINYL TILE?

- Easy to clean
- Broad selection of styles and colors
- Durable
- Economical
- Scuff Resistant
- Softer and warmer underfoot than most hard-surface flooring
- Easy installation

INSTALLATION MATERIALS

Tools:

- Utility knife
- Medium grit sandpaper
- Sanding block
- Smooth edge trowel
- Tape measure
- Short nap paint roller
- Chalk and chalk line
- Rolling pin
- Carpenter's square
- Patch & Skim Coat
- Underlayment
- Latex Primer
- New Beginning® Resilient Deep Cleaning Floor Stripper
- Embossing Leveler
- Scissors
- Pencil
- Paper for tracing

Certain 18 x 18 tiles are groutable. If carton shows tiles are groutable and you choose to do so, you will also need:

- Grout float
- Sponge
- 1/8" spacers
- Towels
- Bucket of water

ESTIMATING

Measure the length and width of the room. If the room has alcoves and offsets, measure these separately.

- Find your room size on chart
- Number in square is how many cartons you need
- Charts include at least five percent extra. These extra tiles are needed to allow for waste and odd room size.

To avoid shade variations check the run numbers on the label that is located on the front flap of the carton to be sure you get tiles from the same run.

NOTE: TrafficMASTER Vinyl tile flooring is packaged in different quantities.

Be sure you use the correct estimating chart.

	6'	8'	10'	12'	14'	16'	18'	20'
6'	2	2	3	3	3	4	4	5
8'	2	3	3	4	4	5	5	6
10'	3	3	4	5	5	6	7	7
12'	3	4	5	5	6	7	8	9

30 Tile Cartons (12" x 12") non-groutable

	6'	8'	10'	12'	14'	16'	18'	20'
6'	2	2	3	3	4	4	5	5
8'	2	3	3	4	5	5	6	7
10'	3	3	4	5	6	7	7	8
12'	3	4	5	6	7	8	8	9

12 Tile Cartons (18" x 18") groutable

	6'	8'	10'	12'	14'	16'	18'	20'
6'	2	2	2	2	3	3	4	4
8'	2	2	3	3	4	4	5	5
10'	2	3	4	4	5	5	6	7
12'	3	3	4	5	6	6	7	8

15 Tile Cartons (18" x 18") non-groutable

	6'	8'	10'	12'	14'	16'	18'	20'
6'	2	2	2	3	3	3	4	4
8'	2	2	3	3	4	4	5	5
10'	2	3	3	4	5	5	6	6
12'	3	3	4	5	5	6	7	7

16 Tile Cartons (18" x 18") groutable

PRECAUTIONS

- When installing over an existing resilient floor, lay out the tile installations so the new seams are a minimum of 6" away from the original seams.
- When installing over tile floors, seams should fall in the center of the tile.
- When using tile from two or more cartons, check to be sure all pattern and lot numbers are the same for proper color match.
- Tile products with directional arrows on the back should be installed with the arrows all pointing in the same direction.
- Do not wet wash tile for at least five days after installation. This will allow the tile to become well seated in the adhesive and prevent excess moisture and cleaning agents from interfering with the adhesive bond.
- Make sure tiles are butted tightly at all edges to prevent separation.

PREPARE SUBFLOOR

Step 1. Inspect and prepare subfloor. Subfloor must be clean, dry, and smooth. A subfloor is the surface over which your new TrafficMASTER tile flooring is installed. To be sure the subfloor is completely clean, we recommend the use of TSP (trisodium phosphate, a cleaning agent available at The Home Depot) to remove any remaining dirt, grease, or other foreign matter. To ensure safety be sure to follow directions on the container of TSP.

IF INSTALLING OVER

VINYL FLOORING (only single-layer)

Must be noncushion-backed and firmly bonded. Check for loose vinyl, gapped seams, cuts, tears, rips, or other damage. Loose or damaged areas should be patched or replaced. Do not install over tile below grade level. Do not sand existing vinyl floors under any circumstances.



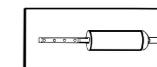
Use utility knife to remove loose vinyl.



Use New Beginning® Resilient Deep Cleaning Floor Stripper to remove dirt and wax buildup

PREPARE

Use Embossing Leveler to fill and level embossing on your old vinyl floor



Use smooth edge trowel for applying Embossing Leveler



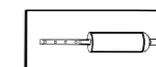
Use medium grit sandpaper and a sanding block for smoothing rough areas of the underlayment

PLYWOOD

If installing a new plywood subfloor, use APA Underlayment Grade. For new or existing plywood subfloors, check for loose panels, gapped joints, knots, nail holes or other damage. Do not use particleboard. Its use will void the warranty.



Use Patch & Skim Coat for patching or filling textured surfaces



Use smooth edge trowel for applying Patch & Skim Coat



Use medium grit sandpaper and a sanding block for smoothing rough areas of the underlayment

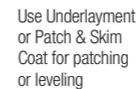
Use Latex Primer for a superior bond



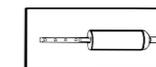
Use short nap paint roller for applying Latex Primer

CONCRETE/CERAMIC

Must be clean, dry, and dust-free. Check for cracks, scaling, levelness, and other damage. Tiles can be installed over a painted concrete floor (self-stick only). Allow newly poured concrete to cure before installation. If installing over ceramic tile, terrazzo, or marble, ensure that the tiles are firmly bonded. If the subfloor is on or below grade check for moisture by taping down a thin plastic film of 18 x 18" and leave for 24 hours. If you notice moisture on the film, DO NOT INSTALL THE TILE. The subfloor must be treated for any moisture condition. Check with The Home Depot or contact Armstrong Flooring Customer Service at 1 800 233 3823.



Use Underlayment or Patch & Skim Coat for patching or leveling



Use smooth edge trowel for applying Underlayment or Patch & Skim Coat



Use medium grit sandpaper and a sanding block for smoothing rough areas of the underlayment

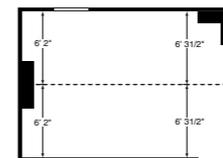
Use Latex Primer for a superior bond. Must be used for raw concrete floors.



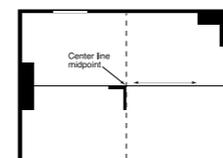
Use short nap paint roller for applying Latex Primer

PLAN THE LAYOUT for indoor use only

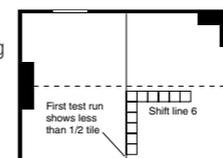
Step 2. Find the center point of each of the end walls and strike a chalk line between them marking the center of the room.



Step 3. At the mid-point of the center line, create a perpendicular line using a carpenter's square.



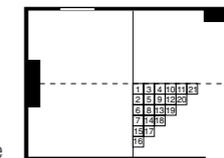
Step 4. Leave release paper on back of tile. Starting at the center of the room, lay a row of tile to one end wall and a second row to one side wall. Measure the distance from the last tile to opposite wall. Do this in both directions. All borders will now be easier to cut and fit.



opposite wall. Do this in both directions. All borders will now be easier to cut and fit.

INSTALL TILE WITHOUT GROUT

Step 5. Peel release paper from tile and install at intersection. Install one quadrant of tile at a time. Make sure arrows on back of all tiles point in the same direction. Lay tiles in pattern shown at right, using chalk lines as a guide. Make sure tiles are butted tightly at all edges to prevent separation.



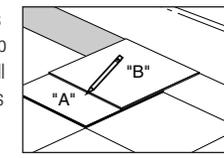
INSTALL TILE WITH GROUT

Start at the center point. Peel release paper backing from tiles and place into position, making sure they are flush with the chalk line. Leave 1/8" space between each tile. Place spacers between each tile at the corners.

*Remember to remove spacers before you grout. Press tiles against the subfloor for good contact. For best contact, roll the edges of the tiles with a wallpaper roller or rolling pin. Discard the release paper backing in wastebasket immediately after removal from the tile, as it is very slippery. Presanded Acrylic Grout is recommended for this application. Follow the application instructions on the grout container carefully. For easier cleanup, apply grout only into the joints. Excess must be removed immediately. Run the float along the joint; DO NOT SPREAD OVER THE WHOLE TILE WHEN DOING THIS. With a pail filled with clean water, wet a sponge squeezing out the excess water and move sponge in a circular motion across the tile joint. Clean sponge and repeat until excess grout is removed. Follow this process for removal of excess grout every five square feet. Important: The longer the grout sits on the tile itself the harder it will be to remove.

CUTTING THE BORDER TILE

Step 6. For straight cuts place a loose tile (A) face up exactly on top of the last full tile, making sure the arrows are pointed in the proper direction. Place another full tile (B) on top of tile (A) with its edge against the wall. Using tile (B) as a guide, mark the face of tile (A) with a pencil.



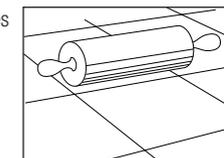
FITTING AROUND IRREGULAR OBJECTS

Step 7. Make a pattern out of heavy paper to fit around pipes or other irregular objects. Place the pattern on the tile and trace. Cut along trace lines with scissors or utility knife, remove release paper and lay tile.

FINISH

Step 8. Roll installed tiles to bond to floor. DO NOT wash floor for five days.

Replace wall base and moldings.



WARRANTY

THE TRAFFICMASTER DIY **LIFETIME LIMITED RESIDENTIAL WARRANTY FOR DIY VINYL TILE FLOORING**

- What is covered and for how long?

The TrafficMASTER Do-It-Yourself (DIY) lifetime warranty for Armstrong resilient tile means that for the lifetime from the date of purchase, if for ANY reason you are dissatisfied with your floor, the manufacturer will give you replacement tile.

THE TRAFFICMASTER DIY **6-YEAR LIGHT COMMERCIAL WARRANTY**

For light commercial installations (foot traffic in property management locations and low-traffic retail shops) the product is warranted to be free from manufacturing defects for six years from the date of purchase. If a defect covered by this warranty is reported to the manufacturer in writing within six years of purchase, the manufacturer will supply new material of the same or similar grade sufficient to repair or replace the defective material.

Installation requirements

Proper installation plays a key role in the performance of vinyl tile floors. For installation of vinyl tile, these basic guidelines should be followed:

- Store tiles for 48 hours in room where they will be installed. Keep room at a minimum of 65° F during that time and during installation. Be sure the subfloor is at least 60° F. After installation, temperature should not fall below 65° F for the first 48 hours, and not below 55° F after that.
- If room is heated by radiant coils in the subfloor, the TEMPERATURE OF THE FLOOR should not exceed 85° F.
- The subfloor should be level, clean, and free of wax, grease, oil or dust.
- If necessary, patch or fill any cracks in the subfloor with Armstrong Patch or Latex Underlayment.
- If installing over existing vinyl, use liquid underlayment or embossing leveler to smooth any texture or embossing on the old floor.
- Install over smooth, well-bonded resilient floors, ceramic, terrazzo, marble or over dry concrete and wood floors with a plywood overlay.

What will the manufacturer do if you are dissatisfied?

The manufacturer will provide replacement tile of comparable quality, color and pattern. We exclude any liability for installation costs or other damages.

What is NOT covered by this warranty?

THERE ARE NO WARRANTIES BEYOND THIS EXPRESSED WARRANTY. ALL OTHER WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE EXCLUDED. THE MANUFACTURER EXCLUDES ANY LIABILITY FOR LOST PROFITS OR ANY OTHER INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES. THE REMEDIES CONTAINED HEREIN ARE THE ONLY REMEDIES AVAILABLE BREACH OF THIS WARRANTY.

What should you do if you have a problem?

We want you to be happy with your TrafficMASTER floor. If you're not, call your retail store. They can answer your questions and, if necessary, start to process a claim. If you have further questions, please call us at 1 800 233 3823.

PLEASE KEEP YOUR RECEIPT. The receipt is required to verify proof of purchase and purchase date.

What is excluded from this warranty?

The manufacturer excludes and will not pay incidental or consequential damages under this warranty. By this we mean any loss, expense, or damage other than to the flooring itself that may result from a defect in the flooring. No implied warranties extend beyond the terms of this written warranty.

Note: Some jurisdictions do not allow exclusion or limitations of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary from jurisdiction to jurisdiction.

This warranty is effective October 1, 2015.

Warranty owner

This warranty applies only to Do-It-Yourself (DIY) installations by a homeowner for his or her own residential end use. This warranty extends only to the original end user and is not transferable.

Care and maintenance

Proper care and maintenance will help ensure your floor always looks its best. Simply follow our maintenance and prevention steps outlined below.

Immediately after installation

- Maintain room temperature at 65° F for 48 hours after installation is completed. This assures proper curing, setting and bonding of products.
- The adhesive under your floor needs time to thoroughly dry after installation. Therefore, we recommend that you do not scrub or wash your floor for five days.

Caring for your floor

- Sweep or vacuum regularly to remove loose dirt, which can scratch your floor. NOTE: we do not recommend vacuums that have a beater bar since it can visibly damage your flooring surface. Additionally, we do not recommend electric brooms with hard plastic bottoms with no padding as use may result in discoloration and deglossing.
- Never use highly abrasive scrubbing tools on any TrafficMASTER floor.
- Wash your floor regularly with Armstrong Once 'n Done® Resilient & Ceramic Floor Cleaner.*
- For heavy duty cleaning, use Armstrong New Beginning® Resilient Deep Cleaning Floor Stripper.*
- Do NOT use detergents, abrasive cleaners, or “mop and shine” products. These products may leave a dull film on your floor.
- Over time, if the shine on your floor begins to dull, Armstrong Shinekeeper® Resilient High Gloss Floor Finish* can be used to renew your floor's shine. Do NOT use paste wax or solvent-based polishes.
- Vinyl flooring, like other types of smooth floors, can become slippery when wet. Allow time for floor to dry after washing. Immediately wipe up wet areas from spills, foreign substances, or wet feet.

Proactive protection for your floor

- When moving appliances or heavy furniture, lay a plywood panel on your floor and “walk” the items across it. This protects your floor from scuffing and tears.
- Use floor protectors on furniture to reduce indentation. The heavier the item, the wider the floor protector needed.
- Be careful will rolling casters. They can damage the floor. Therefore, we do not recommend them. If you choose to use them, the double-wheel type is the best option.
- Place a walk-off mat at outside entrances to reduce the amount of dirt brought into your home. We strongly recommend mats without a latex or rubber backing since these backings can cause permanent discoloration.
- All Armstrong floor care products have been specifically developed to care for TrafficMASTER floors. You may purchase Armstrong floor care products at your local flooring retailer.

FLOOR CARE RECOMMENDATIONS



Floor Protectors

- Floor protectors evenly distribute furniture weight and help prevent indentations from forming on your vinyl floor



New Beginning® Resilient Deep Cleaning Floor Stripper

- For all no-wax vinyl floors
- Solves tough cleaning problems



Once 'n Done® Resilient & Ceramic Cleaner

- No-rinse floor cleaner for no-wax vinyl, ceramic and stone floors



Shinekeeper® Resilient High Gloss Floor Finish

- For all high-gloss vinyl floors
- Restores gloss and shine to older floors

STAIN REMOVAL

TO REMOVE THE STAIN, FOLLOW THESE INSTRUCTIONS IN ORDER, UNTIL NO TRACE OF STAIN REMAINS.

CRAYON

- Rub the stain with mineral spirits** or turpentine** on a clean white cloth.
- Scrub the area with Armstrong New Beginning® Resilient Deep Cleaning Floor Stripper* and a nonabrasive white scrubbing pad, following instructions on the label.

LIPSTICK

- Rub the stain with rubbing alcohol (isopropyl alcohol)** on a clean white cloth.
- If stain is still visible, rub the stain with mineral spirits** or turpentine** on a clean white cloth.
- Scrub the area with Armstrong New Beginning Resilient Deep Cleaning Floor Stripper* and a nonabrasive white scrubbing pad, following instructions on the label.

GRAPE JUICE/WINE

- Scrub the area with Armstrong New Beginning Resilient Deep Cleaning Floor Stripper* and a nonabrasive white scrubbing pad, following instructions on the label.
- If stain is still visible, rub the stain with rubbing alcohol (isopropyl alcohol)** on a clean white cloth.

MERCUROCHROME/MERTHIOLATE

- Rub the area with rubbing alcohol (isopropyl alcohol)** on a clean white cloth.

- Scrub the area with Armstrong New Beginning Resilient Deep Cleaning Floor Stripper* and a nonabrasive white scrubbing pad, following instructions on the label.

MUSTARD

- Scrub the area with Armstrong New Beginning Resilient Deep Cleaning Floor Stripper* and a nonabrasive white scrubbing pad, following instructions on the label.

PEN INK

- Rub the area with rubbing alcohol (isopropyl alcohol)** on a clean white cloth.

- If stain is still visible, rub the stain with mineral spirits** or turpentine** on a clean white cloth.

- Scrub the area with Armstrong New Beginning Resilient Deep Cleaning Floor Stripper* and a nonabrasive white scrubbing pad, following instructions on the label.

PERMANENT MARKER

- Rub the stain with mineral spirits** or turpentine** on a clean white cloth.

- If stain still shows, very carefully wipe with fingernail polish remover** containing acetone (follow use instructions on label) on a clean white cloth.

- If stain still shows, rub the stain with rubbing alcohol (isopropyl alcohol)** on a clean white cloth.

- Scrub the area with Armstrong New Beginning Resilient Deep Cleaning Floor Stripper* and a nonabrasive white scrubbing pad, following instructions on the label.

ASPHALT DRIVEWAY SEALER/SHOE POLISH

- Rub the stain with mineral spirits** or turpentine** on a clean white cloth.

- If stain still shows, rub the stain with rubbing alcohol (isopropyl alcohol)** on a clean white cloth.

- Scrub the area with Armstrong New Beginning Resilient Deep Cleaning Floor Stripper* and a nonabrasive white scrubbing pad, following instructions on the label.

HAIR DYE

- Rub the stain with rubbing alcohol (isopropyl alcohol)** on a clean white cloth.

- If stain still shows, use mineral spirits** or turpentine** on a clean white cloth.

- If stain still shows, very carefully wipe with fingernail polish remover** containing acetone (follow use instructions on label) on a clean white cloth.

- Scrub the area with Armstrong New Beginning® Resilient Deep Cleaning Floor Stripper* and a nonabrasive white scrubbing pad, following instructions on the label.

PAINT/VARNISH

- If paint stain is wet, wipe up the stain with water on a clean white cloth.

- If paint stain is dry, carefully scrape residue with a thin spatula.

- If stain still shows, rub the area with rubbing alcohol (isopropyl alcohol)** on a clean white cloth.

- If stain still shows, use mineral spirits** or turpentine** on a clean white cloth.

- If stain still shows, very carefully wipe with fingernail polish remover** containing acetone (follow use instructions on label) on a clean white cloth.

- Scrub the area with Armstrong New Beginning Resilient Deep Cleaning Floor Stripper* and a nonabrasive white scrubbing pad, following instructions on the label.

NAIL POLISH

- Very carefully wipe with fingernail polish remover** containing acetone (follow use instructions on label) on a clean white cloth.

RUST

- Apply Armstrong New Beginning Resilient Deep Cleaning Floor Stripper* to the stain and let it stand for five minutes. Scrub vigorously with a stiff-bristle brush or nonabrasive white scrubbing pad, wipe, rinse, and let dry.

- If traces remain, rub with a soft cloth dipped in a solution of oxalic acid and water (one part acid to 10 parts water).

NOTE: Please follow instructions and cautions on label as oxalic acid is poisonous.

CIGARETTE BURNS

- The procedure depends on the exact construction of your floor. Consult your retailer.

BLACK HEEL MARKS

- Scrub the area with Armstrong New Beginning Resilient Deep Cleaning Floor Stripper* and a nonabrasive white scrubbing pad, following instructions on the label.

- If stain still shows, rub the area with a nonabrasive cleaner.

- If stain still shows, rub the area with rubbing alcohol (isopropyl alcohol)** on a clean white cloth.

*  **WARNING** Eye and Skin Irritant

**May be combustible/flammable; please follow instructions on label

FLOORING

Inspiring Great Spaces®

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1 800 233 3823 • www.armstrongflooring.com

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