INSTALLATION TIPS FOR COMMERCIAL TILE WITH DIAMOND 10® TECHNOLOGY COATING

DIAMOND
10
TECHNOLOGY

Commercial Tile Reinvented

Save on costly maintenance by reducing initial application of polish by 50% and eliminating or reducing ongoing restorative stripping. Less floor polish means a lower cost of ownership.

Reduced Cost of Ownership

Save up to 40% on polish maintenance procedures, compared to traditional VCT.

✓ Reduce initial application of polish by 50%
✓ Eliminate or reduce restorative stripping
✓ Maximize gloss level with 50% fewer coats of polish vs. traditional VCT

Packaging & Recommended Adhesives

Tiles may feature a back coating to ensure a balanced product structure, directly out of the box. The back of each tile will have a glossier appearance compared to traditional VCT as a result.

Before installation, flip tiles. The tiles are packaged face down except for the last tile in the carton.

S-515 Tile Strong™   S-525 BBT Bio-flooring Adhesive

Follow these steps to ensure a successful installation. Visit armstrongflooring.com for complete installation instructions.

Before Installation

✓ HVAC	The area to receive the resilient flooring should be maintained at a minimum of 65° F (18° C) and a maximum of 100° F (38° C). Installation conditions that are outside our recommendations or uncontrolled will result in **a noticeable curl or dome.**
✓ Acclimation	Resilient flooring should only be installed in temperature-controlled environments. It is necessary to maintain a constant temperature before, during and after the installation. **The product, adhesives, and subfloor must acclimate for 48 hours.**
✓ Subfloor Testing	Before installation of the finished flooring, moisture and alkali testing must be conducted. The surface of the concrete must have a pH of 9 or less.
✓ Bond Test	Bond tests must also be conducted for compatibility with the substrate. **Skipping this step may result in subpar adhesion of the product to the subfloor.**
✓ Subfloor Preparation	The surface should be free of dust, solvents, varnish, paint, wax, oil, grease, sealers, curing compounds, residual adhesive, adhesive removers, and other foreign materials. **The high gloss surface of the product will make subfloor imperfections more noticeable.**

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During Installation

✓ Cutting
The superior durability of this product may result in the perception that this product is more difficult to cut. Armstrong Flooring's expert installation team has reviewed the product and recommends standard installation tools.
One suggestion is to make sure you use sharp blades and replace trowels as necessary.

✓ Adhesives
Do **NOT** set this product in wet adhesive. The adhesive must be dry-to-touch to reduce the possibility of the product moving during installation.

✓ Perimeter Tiles
Smaller tiles (usually on the perimeter) may be more susceptible to movement due to the product back coating. Best practice is to have 6˝ or wider. If you must use smaller filler pieces due to the floor pattern, take care on these pieces to minimize movement prior to the adhesive fully curing.

✓ 100 lb. Roller
Roll the installed tiles in both directions immediately after installation. This will set the product into the adhesive creating a substantially better bond between the product and the subfloor.

Post-Installation & Ongoing Maintenance

✓ Rolling Loads
Utilize protective panels when moving heavy loads prior to 72 hours post-installation.

✓ Initial Maintenance
Sweep, dust mop or vacuum the floor thoroughly to remove all loose dust, dirt, grit and debris. Remove any dried adhesive residue with a clean, white cloth dampened with mineral spirits, carefully following warnings on the container.

Damp mop the floor with a properly diluted neutral (pH 6 to 8) detergent solution such as Armstrong S-485 Commercial Floor Cleaner. Allow the floor to dry. To promote polish adhesion, dry buff the floor at a low speed (125-300 rpm) with a buffer pad (3M™ red or equal) or equivalent brush. Apply half the number of coats recommended by the manufacturer of a high-quality commercial floor polish, such as Armstrong® S-480 Commercial Floor Polish.

✓ Long-Term Maintenance
To promote polish adhesion, machine scrub the floor with a properly diluted neutral detergent solution such as Armstrong S-485 Commercial Floor Cleaner and a scrubbing pad (3M™ blue or equal) or equivalent brush. If considered a high traffic area, apply half the number of coats recommended by the manufacturer, of a high-quality commercial floor polish, such as Armstrong S-480 Commercial Floor Polish. Visit armstrongflooring.com for detailed maintenance recommendations.

✓ Floor Protection
Proper selection and care of furniture rests is important in the maintenance and appearance retention of all types of floor coverings. Furniture, appliances, equipment, etc., should be properly leveled so that all rests are fully and firmly on the floor at all times.