Commercial Floor Tile

• Over 100 colors available
• Commercial-grade vinyl composition tile
• Color and design that last
• 1/8” gauge
• Install with Armstrong™ S-750 Premium Tile Flooring Adhesive
• Protect with Armstrong S-403 Excelon® Floor Polish

Contractor’s Choice

• Fast Start® factory finish
• Consistent grain and shade
• Superior packaging – less breakage
• Straight and square
• No blocking
• Accurate count

Tools Checklist

• Medium grit sandpaper
• Tape measure
• Chalk and chalkline
• Carpenter’s square or metal straightedge
• Straight blade utility knife
• Screwdriver
• Carpenter’s saw
• Fine notch trowel – 1/32” deep, 1/16” wide, spaced 5/64” apart

Precautions

• When installing over an existing resilient floor, lay out the installation 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.
• Shades of color may vary from dye lot to dye lot. Dye lot information is located on each carton under the item number. Make sure the same lot number appears on all cartons purchased for a single job.
• When using tile from two or more cartons, check to be sure all pattern and lot numbers are the same for proper color match. On larger installations, open several cartons and mix them as they are installed to help blend any slight shade differences from one carton to the next. Tile products with directional arrows on the back should be installed with all the arrows pointing in the same direction.
• Do not 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.
• Do not use the Tile-On System over existing installations that have a history of excessive moisture or alkaline salts.
• Do not use the Tile-On System over existing tile installations that are below grade.
• Products installed using the Tile-On System may have less resistance to indentation. We strongly recommend the use of Armstrong Floor Protectors.
Estimating:
How Many Cartons Do You Need?

- Find your room size on chart
- Number in square is the number of cartons you need

Note: Chart includes at least five extra tiles per 100 needed to allow for waste and odd room size.

Prepare Subfloor

Subfloor must be clean, dry, and smooth. A subfloor is the surface over which your new Armstrong™ tile flooring is installed.

<table>
<thead>
<tr>
<th>IF INSTALLING OVER...</th>
<th>INSPECT</th>
<th>PREPARE</th>
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<tbody>
<tr>
<td>OLD VINYL FLOORING</td>
<td>Must be noncushioned-backed and firmly bonded. Check for loose vinyl, gapped seams, cuts, tears, rips or other damage.</td>
<td>Utility Knife to remove loose vinyl.</td>
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<tr>
<td>PLYWOOD</td>
<td>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.</td>
<td>S-184 Patch &amp; Skim Coat For patching or filling textured surfaces.</td>
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<tr>
<td>CONCRETE/CERAMIC</td>
<td>Must be clean, dry, and dust-free. Check for cracks, scaling, levelness, and other damage. Tiles may be installed over a painted concrete floor (Self-stick only) if installing over ceramic tile, terrazzo or marble, ensure that the tiles are firmly bonded.</td>
<td>S-183 Underlayment or S-184 Patch &amp; Skim Coat For patching or leveling.</td>
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Installation Methods

- Tile-on: Allows installation over most smooth, completely bonded existing resilient flooring installations. Eliminates the time and expense of removing the old floor. Lay out the job in such a way that the joints in the new installation do not coincide with those of the existing installation.
- Full-Spread: Allows installation over approved wood floors and all grade levels of concrete floors. When installing over wood underlayments, lay tile so the joints do not coincide with the joints of the underlayment.

Find the midpoint of the installation area and strike a chalk line. Using a fine notched trowel, apply the adhesive over the area not covering the chalk lines. You may prefer to spread and install one quarter of the room at a time. Allowing the recommended open time, let the adhesive set until dry to the touch. To test, press your thumb lightly on the surface of the adhesive in several places. If the surface feels slightly tacky as your thumb is drawn away and does not stick to your thumb, the adhesive is ready for the installation. Install the tile along the chalk lines, laying the field area first and then fitting in the border tile.

Maintenance

Maintenance Immediately After Installation

Armstrong commercial vinyl composition tiles are coated with the exclusive Fast Start® factory finish. This finish does not require removal after installation. It is compatible with commercial floor polishes and eliminates the need to strip the tile. This saves time, money, and possible damage to the tile and adhesives.

Initial Protection

The application of several coats of polish immediately after installation will help protect the new flooring, and most likely reduce the number of tiles needing replacement before the area is put into actual use.

1. Sweep or vacuum thoroughly.
2. Damp mop with a properly diluted neutral detergent carefully removing black marks and excessive soil. Do not machine scrub the floor for at least four to five days after installation. This is to prevent excess moisture from interfering with the adhesive bond.
3. Apply several coats of a high-quality commercial floor polish.