Excelon SDT Commercial Tile

<table>
<thead>
<tr>
<th>Product</th>
<th>Gauge</th>
<th>Size</th>
<th>Adhesive/Full Spread</th>
<th>Adhesive/Tile-On</th>
</tr>
</thead>
<tbody>
<tr>
<td>Excelon SDT</td>
<td>0.125&quot;</td>
<td>12&quot; x 12&quot;</td>
<td>S-202</td>
<td>Copper grounding strips provided with adhesive</td>
</tr>
<tr>
<td></td>
<td>(3.18 mm)</td>
<td>(30.5 cm x 30.5 cm)</td>
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</table>

Installation:
Location: All grade levels

Suitable Substrates:
All substrates listed below must be properly prepared and meet the requirements discussed in Chapter 3, Subfloors and Underlayments. There may be certain exceptions and special conditions for these substrates to be suitable for the SDT Installation System.

- Concrete
- Ceramic, terrazzo, marble, polymeric poured (seamless) floors or metal — when properly prepared with S-194
- Approved suspended wood

⚠️ CAUTION ⚠️
Both the SDT and the S-202 Adhesive contain a small amount of quaternary ammonium compound. For some people, this material may irritate both skin and eyes. Avoid direct contact with the adhesive if at all possible. The adhesive is water based. Wash hands thoroughly with soap and water after handling either the tile or the adhesive.
Job Conditions/Preparation:

- Resilient flooring should only be installed in temperature-controlled environments. It is necessary to maintain a constant temperature before, during and after the installation. Therefore, the permanent or temporary HVAC system must be in operation before the installation of resilient flooring. Portable heaters are not recommended, as they may not heat the room and subfloor sufficiently. Kerosene heaters should never be used.

- Substrates must be dry, clean, smooth and free from paint, varnish, existing adhesive residue*, wax, concrete curing agents, sealers and hardeners.

- In renovation or remodel work, remove any existing adhesive residue* so that 80% of the overall area of the original substrate is exposed. Subfloor must be porous when installing SDT.

- SDT is not recommended over existing resilient floors. The surface of ceramic, terrazzo, marble, polymeric poured (seamless) floor or metal would need to be roughened and then a portland cement type underlayment (such as S-194) applied at least 1/4" (6.4 mm) thick.

- Do not install SDT in areas subject to excessive surface water or frequent spills.

- Allow all flooring materials and adhesives to condition to the room temperature for a minimum of 48 hours before starting the installation.

- The area to receive the resilient flooring should be maintained at a minimum of 65° F (18° C) and a maximum of 85° F (38° C) for 48 hours before, during and for 48 hours after completion.

- During the service life of the floor, the temperature should never rise above 100° F (38° C) nor fall below 55° F (13° C). The performance of the flooring material and adhesives can be adversely affected outside this temperature range.

- For concrete substrates, conduct moisture testing (moisture vapor emission rate [MVER]) and/or percent relative humidity (in-situ probe). Bond tests must also be conducted for compatibility with the substrate. Please refer to Chapter 3, Subfloors and Underlayments.

- Radiant-heated substrates must not exceed a maximum surface temperature of 85° F (29° C).

- Concrete floors should be tested for alkalinity. The allowable readings for the installation of Armstrong® flooring are 5 to 9 on the pH scale.

Precautions:

- Use Only S-392 Static Dissipative Tile Polish on SDT.

<table>
<thead>
<tr>
<th>Adhesive</th>
<th>Open Time</th>
<th>Working Time</th>
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<tbody>
<tr>
<td>S-202</td>
<td>60 minutes or more</td>
<td>6 hours</td>
</tr>
<tr>
<td></td>
<td>Fine Notch: 1/32&quot; (0.8 mm) deep, 1/16&quot; (1.6 mm) wide, 5/64&quot; (2 mm) apart</td>
<td></td>
</tr>
</tbody>
</table>

NOTE: Adhesive should be dry-to-touch before installing tile. The amount of open time will vary according to job conditions, temperature, humidity, air flow and type of substrate.