Description

Gerfix TPS+ is a proprietary, high-performance, pressure sensitive adhesive designed specifically for installing Gerflor’s homogeneous, heterogeneous, LVT and sport floorings. With its strong, durable, moisture-resistant and alkali-resistant bond, it is ideal for commercial and institutional applications. Gerfix TPS+ has an excellent open time, develops strength quickly, performs well under rolling loads and resists indentation. Its low volatile organic content makes it ideal for use in occupied buildings such as hospitals and medical centers.

Features and Benefits

• Excellent indentation and shrinkage resistance
• Plasticizer migration resistant for use with all solid vinyl flooring.
• Ease of troweling for quick installation
• Industry Standards and Approval
• CRI Green Label Plus #GLP00226. Refer to CRI website at www.carpet-rug.org for additional information.
• RFCI IP #1, Recommended Installation Practice for Homogeneous Sheet Flooring

Where to use

• For the installation of homogeneous sheet vinyl (solid PVC sheet flooring), luxury vinyl tile (solid PVC tile), vinyl plank and sport floorings
• Interior commercial (office buildings, cafeterias)
• Interior heavy commercial (shopping malls, grocery stores, department stores)
• Interior institutional (hospitals, schools, universities, libraries, government buildings)

Limitations

• Do not install over any substrates containing asbestos.
• For interior installations only
• Do not use to install nonporous floor coverings over nonporous surfaces.
• Do not apply over any adhesive residues including cutback adhesive.
• Do not install when the moisture vapor emission rate (MVER) exceeds 8 lbs. per 1,000 sq. ft. per 24 hours, and a maximum pH of 11 when using the anhydrous calcium chloride test (ASTM F1869).
• Do not install when relative humidity of concrete slabs exceeds 90% and a maximum pH of 11 when using Relative Humidity test (ASTM F2170).
• Use only when the substrate temperature is between 50°F and 90°F (10°C and 32°C).

Suitable Substrates

• Exterior-grade plywood, Group 1, CC type
• Other approved wood underlayment (per manufacturer recommendations)
• Concrete and properly prepared cement terrazzo
• Cement-based self-leveling underlayment and patching compounds
• Properly prepared and primed gypsum underlayment that meet the ASTM F2419 requirements for compressive strength
• Radiant-heat systems that have been properly installed

Consult Gerflor’s Technical Services Department for installation recommendations regarding substrates and conditions not listed.
Surface Preparation

- All substrates must be structurally sound, dry, solid and stable.
- Substrate should be clean and free of dust, dirt, oil, grease, paint, curing agents, concrete sealers, loosely bonded toppings, loose particles, old adhesive residues, and any other substance or condition that may prevent or reduce adhesion. All surfaces must be level, even, flat and smooth.

Mixing

- Ready to use; no mixing necessary
Note: Choose all appropriate safety equipment before use. Refer to Safety Data Sheet (SDS) for more information.

Product Application

1. Read all installation instructions thoroughly before installation.
2. Select the appropriately notched trowel (see “Approximate Product Coverage” section).
3. Spread adhesive evenly over the subfloor, keeping the trowel at a 45° angle to the subfloor.
4. For working time and flash time, refer to “Application Table.”
5. Install flooring per the product installation’s instructions.
6. Roll the flooring with the recommended-weight roller across the width and length of the flooring surface.

Cleanup

1. Promptly clean any adhesive smudges from the flooring material’s surface with water while the adhesive is still fresh/wet.
2. Clean tools with water while the adhesive is still fresh/wet. Clean with mineral spirits once dried. Use caution with mineral spirits, which may be harmful to some materials.

<table>
<thead>
<tr>
<th>Application Characteristics over Porous Substrates</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sheets (homogeneous &amp; heterogeneous)</strong></td>
</tr>
<tr>
<td>Vinyl tile</td>
</tr>
<tr>
<td>Vinyl plank</td>
</tr>
</tbody>
</table>

* Flash Time is the waiting time required before installing flooring.
** Working time is the window of time for the adhesive to accept flooring
Note: Flash time and working time may vary based on temperature, humidity, substrate porosity, trowel size and jobsite conditions.

Approximate product coverage*

<table>
<thead>
<tr>
<th>Flooring Type</th>
<th>Typical Trowel</th>
<th>Coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vinyl flooring</td>
<td>1/32&quot; x 1/16&quot; x 1/32&quot;</td>
<td>Up to 245 sq. ft. per U.S. Gal.</td>
</tr>
</tbody>
</table>

*Trowel dimensions are depth/width/ space. Coverage shown is for estimating purposes only. Actual jobsite coverages may vary according to substrate conditions, type of trowel used and setting practices.
### Product Performance Properties

<table>
<thead>
<tr>
<th>Laboratory Tests</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polymer Type</td>
<td>Vinyl Acrylic</td>
</tr>
<tr>
<td>Percent Solids</td>
<td>55 to 65%</td>
</tr>
<tr>
<td>VOCs (Rule # 1168 of California’s SCAQMD)</td>
<td>Less than 34 g per L</td>
</tr>
<tr>
<td>pH</td>
<td>7 to 9</td>
</tr>
<tr>
<td>Ease of troweling</td>
<td>Light</td>
</tr>
<tr>
<td>Density</td>
<td>8.3 lbs. per U.S. gal</td>
</tr>
<tr>
<td>Consistency</td>
<td>Creamy</td>
</tr>
<tr>
<td>Color</td>
<td>Off-white</td>
</tr>
<tr>
<td>Shelf Life</td>
<td>2 years when stored in un-opened original packaging at 73°F</td>
</tr>
<tr>
<td>Storage Conditions</td>
<td>40°F to 100°F</td>
</tr>
<tr>
<td>Flash Point (ASTM D56)</td>
<td>&gt;212°F</td>
</tr>
<tr>
<td>Protect from Traffic</td>
<td>24 hours for light traffic, 72 hours for heavy traffic</td>
</tr>
</tbody>
</table>

For any information, please refer to Gerflor Technical Services.

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