1. PRODUCT NAME
TEC® Flexera® Premium Universal Adhesive
(774)

2. MANUFACTURER
H.B. Fuller Construction Products Inc.
1105 South Frontenac Street
Aurora, IL 60504-6451 U.S.A.
800.552.6225 Office
800.832.9023 Technical Support
800.952.2368 Fax
tecspecialty.com

3. DESCRIPTION
TEC Flexera Premium Universal Adhesive is a solvent-free adhesive formulated for the installation of dimensionally stable LVT & vinyl plank without attached backing, PVC and Olefin backed carpet tile, VCT, quartz tile, approved bio-based tile, fiberglass-backed sheet flooring and vinyl backed resilient sheet flooring. This high strength adhesive is designed for installations over porous and non-porous substrates. TEC Flexera Premium Universal Adhesive is CRI Green Label Plus Certified, and is SCAQMD 1168 compliant.

Key Features and Benefits
• High moisture – up to 99% RH on green concrete
• 6-8 hours of open time depending on porosity and environmental conditions
• Lay flooring in as little as 10 – 15 minutes (permanent applications)
• Versatile – can be used with multiple flooring types
• Can handle foot traffic in as little as 4 hours
• Low VOC

Packaging
1 gallon plastic pail (3.78 L)  Product #7216455011
4 gallon plastic pail (15.13 L)  Product #7216451311

Coverage
Determine recommended trowel size based on flooring type. Coverage will vary with the absorption of substrate and trowel size. Figures below are presented only as guidelines.

<table>
<thead>
<tr>
<th>Substrate/Flooring Type</th>
<th>Recommended Trowel Size</th>
<th>Approximate Coverage*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Porous substrates</td>
<td>1/16&quot; x 1/16&quot; x 1/16&quot;</td>
<td>125-175 ft²/gal. or 14-20 yd²/gal. (12-16 m²/3.78 L)</td>
</tr>
<tr>
<td></td>
<td>Square-notch trowel</td>
<td></td>
</tr>
<tr>
<td>Non-Porous substrates</td>
<td>1/16&quot; x 1/16&quot; x 1/16&quot;</td>
<td>175-250 ft²/gal. or 19-28 yd²/gal. (16-23 m²/3.78 L)</td>
</tr>
<tr>
<td></td>
<td>U-notch trowel</td>
<td></td>
</tr>
<tr>
<td>Cushion-Backed or Fiber Glassed-Backed Sheet Vinyl / Smooth Backed Vinyl or Non PVC Carpet Tile</td>
<td>1/8&quot; Nap-roller</td>
<td>250-350 ft²/gal. or 27-38 yd²/gal. (23-32 m²/3.78 L)</td>
</tr>
</tbody>
</table>

*If recommended spread rate is exceeded, a loss of bond may occur.

Recommended Applications
• Residential
• Light & Heavy Commercial
• Healthcare
• Institutions

Recommended Substrates
• Concrete
• Portland Based Underlayments
• Properly Prepared Gypsum
• APA Approved Plywood
• Advan Tech
• Terrazzo
• Fiber Cement Underlayment
• Radiant Heated Subfloors
• Properly Prepared VCT (Single Layer)
• Properly Prepared Sheet Vinyl (Single Layer, fully adhered)

Substrate Preparation
Follow all manufacturer’s recommendations and industry standards regarding subfloor preparation. Moisture testing should be performed by ASTM F1869 Calcium Chloride Tests with moisture levels not to exceed Eight (8) pounds per twenty-four (24) hours per one thousand (1000) square feet, or ASTM F2170 In Situ Relative Humidity Test with readings not to exceed Ninety (90) percent on existing slabs. New Construction Projects or Green Slabs with declining moisture values and an intact vapor barrier beneath the slab per ASTM E1745 can have a Moisture Vapor Emission Rate of up to Ten (10) pounds per twenty-four (24) hours per one thousand (1000) square feet or Ninety-Nine 99% when tested in accordance with ASTM F2170. In addition the concrete must be fully cured (at least 45 days) and without hydrostatic pressure. All substrates should be prepared in accordance with ASTM F710. The maximum pH levels should not exceed a reading of 11. The substrate, adhesive and flooring must be acclimated in an enclosed building with the HVAC operational between 60-95°F (15-35°C), and between 30-65% relative humidity, for at least 72 hours before, during and after the installation.

Storage
Store at a moderate room temperature. Protect adhesive from freezing. Refer to the Technical Data section of this PDS, for more information.

Shelf Life
Maximum of 1 year from date of manufacture in unopened container.

Limitations
• For interior installations only.
• Do not install when MVER is over 10 lbs. per 1,000 Sq. Ft. per 24 hours, per ASTM F1869.
• Do not install when relative humidity is over 99%, per ASTM F2170.
• Although Flexera is a moisture tolerant adhesive, it does not form a moisture vapor barrier and will not protect flooring from moisture damage. Please refer to flooring manufacturer’s guidelines.
• Do not install when ambient temperature is not between 60°F & 95°F (15°C & 35°C).
• The dimensional stability of some vinyl flooring products is very sensitive to fluctuations in ambient environment conditions. H.B. Fuller Construction Products Inc. is not responsible for installation issues caused by dimensional changes in flooring.
• It is the sole responsibility of the installer to determine the suitability and compatibility of the adhesive for the user’s intended use.

Cautions
Read complete cautionary information printed on product container prior to use. For medical emergency information, call 1-888-853-1758.

This Product Data Sheet has been prepared in good faith on the basis of information available at the time of publication. It is intended to provide users with information about and guidelines for the proper use and application of the covered TEC brand product(s) under normal environmental and working conditions. Because each project is different, H.B. Fuller Construction Products Inc. cannot be responsible for the consequences of variations in such conditions, or for unforeseen conditions.
TEC® Flexera® Premium Universal Adhesive (774) Product Data

4. TECHNICAL DATA
Physical Properties

<table>
<thead>
<tr>
<th>Description</th>
<th>TEC Flexera Premium Universal Adhesive (774)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Base Polymer</td>
<td>Acrylic Polymer</td>
</tr>
<tr>
<td>Color</td>
<td>Light Straw</td>
</tr>
<tr>
<td>Solids</td>
<td>57-61%</td>
</tr>
<tr>
<td>VOC Content</td>
<td>&lt;1 gram per liter</td>
</tr>
<tr>
<td>pH</td>
<td>8.7</td>
</tr>
<tr>
<td>Consistency</td>
<td>Paste</td>
</tr>
<tr>
<td>Trowelability</td>
<td>Light, Easy</td>
</tr>
<tr>
<td>Shelf Life</td>
<td>One year in unopened container.</td>
</tr>
<tr>
<td>Storage</td>
<td>40º-95ºF (4º-35ºC)</td>
</tr>
<tr>
<td>Application Temperature</td>
<td>65º-95ºF (18º-35ºC)</td>
</tr>
<tr>
<td>Traffic Restrictions</td>
<td>Foot Traffic after 12 hours and Heavy Traffic after 24 hours for Wet-Set. Foot Traffic after 4 hours and Heavy Traffic after 12 hours for Dry-Set.</td>
</tr>
<tr>
<td>Open Time</td>
<td>6-8 hours of open time depending on porosity and environmental conditions</td>
</tr>
<tr>
<td>Freeze/Thaw Stability</td>
<td>5 cycles at 20°F (-6ºC)</td>
</tr>
</tbody>
</table>

Composition/Information on Ingredients
Dangerous components: No hazardous/reportable components.

First Aid Measures
After inhalation: Supply fresh air or oxygen; call for doctor. In case of unconsciousness place patient stably in side position for transportation.
After skin contact: Immediately wash with water and soap and rinse thoroughly.
After eye contact: Rinse opened eye for several minutes under running water.
After swallowing: Do not induce vomiting; immediately call for medical help.

FOR MORE INFORMATION READ SAFETY DATA SHEET
KEEP OUT OF REACH OF CHILDREN

5. INSTALLATION INSTRUCTIONS
Application
1. Refer to all manufacturer’s recommendations and approvals prior to installation.
2. For Indoor Use Only.
3. Read Installation instructions and SDS thoroughly prior to installation.
4. For best results install at 70ºF (+/- 5º) and 50% R.H. (+/-5%).
5. For proper trowel selection see trowel guide on this label.
6. Spread adhesive using the recommended trowel. When installing over a porous substrate the flooring can be laid into wet or tacky dry adhesive. For a wet lay installation spread the adhesive, wait approximately 10-15 minutes to allow the adhesive to flash off. Laying in wet will allow for movement of the flooring until adhesive has set and will result in a permanent installation. Flooring will not be able to be removed without significant damage to the flooring when using the wet-set method. When installing tile or vinyl plank it is recommended to let the adhesive become tacky dry to the touch before installing. Once the adhesive has become tacky dry, flooring should be installed within 6-8 hours. The dry time will depend on the temperature & humidity of the environment. Within 1 hour of placing the flooring into the adhesive you MUST roll the entire installation with a 100 lb. three-section roller to assure adhesive has made proper contact with flooring.

Clean-up
Remove wet adhesive immediately with a damp cloth. Use Mineral Spirits to remove dried adhesive. CAUTION: Mineral Spirits are flammable. Read and follow all precautions on container label.

6. AVAILABILITY
TEC Premium Installation Products are available nationwide.
To locate TEC products in your area, please contact:
Phone: 800-832-9002
Website: tecspecialty.com

7. LIMITED WARRANTY
The product(s) covered by this Product Data Sheet are sold subject to a Limited Warranty and related terms. H.B. Fuller Construction Products disclaims the implied warranties of merchantability and fitness for a particular purpose and all incidental and consequential damages arising out of the sale, purchase or use of this product. For Limited Warranty details visit tecspecialty.com. To obtain a hard copy of the Limited Warranty call H.B. Fuller Construction Products at 800-832-9023 or mail a written request to the address in Section 2 of this Product Data Sheet.

8. MAINTENANCE
Not applicable

9. TECHNICAL SERVICES
Technical and safety literature
To acquire technical and safety literature, please visit our website at tecspecialty.com.

10. FILING SYSTEM
Division 9