**KEY EPOCON SLT**

**Technical Data Sheet**

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**DESCRIPTION**

**KEY EPOCON SLT** contain graded aggregates combined with a unique epoxy technology to produce a fluid, self-leveling mixture that is spread with a flat squeegee or trowel. These systems will regulate moisture vapor transmission while providing high wear, durability, and impact resistance ideal for medium traffic areas. **KEY EPOCON SLT** are the answer for both new and renovated areas and can be installed over most sound floors. **KEY EPOCON SLT** is a 1/8” - 3/16” seamless, low maintenance, slurry-broadcast system that provides the high wear, durability, and impact resistance ideal for medium traffic areas. **KEY EPOCON SLTs** chemical and dirt resistant finish is textured to improve slip resistant and abrasion resistant properties. **KEY EPOCON SLT** can be installed with an integral cove base for areas requiring seamless wall to floor coatings. For chemical resistant applications, specify **KEY EPOCON SL(T)-HP**. Contact your **KEY REPRESENTATIVE** for assistance.

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**KEY ADVANTAGES**

- High wear, impact, and abrasion resistance
- Will not lose bond due to moisture vapor transmission
- Low maintenance
- Safe (slip resistant finish)
- Low odor application
- Chemical resistant finishes are available

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**TYPICAL USES**

- Powder rooms
- Hotel/motel bathrooms
- Warehouse floors
- Stock rooms
- Cafeterias
- Laboratories
- Corridors
- Classrooms
- Shower rooms
- Numerous other uses-Consult with Key Resin

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**PHYSICAL PROPERTIES**

<table>
<thead>
<tr>
<th>Test Name</th>
<th>Method</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adhesion to Concrete</td>
<td>ASTM D7234</td>
<td>300-400+ psi Concrete Failure</td>
</tr>
<tr>
<td>Compressive Strength</td>
<td>ASTM C579</td>
<td>5,600 psi</td>
</tr>
<tr>
<td>Flexural Strength</td>
<td>ASTM C580</td>
<td>2,100 psi</td>
</tr>
<tr>
<td>Hardness, Shore D</td>
<td>ASTM D2240</td>
<td>80-84</td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>ASTM C307</td>
<td>1,550 psi</td>
</tr>
<tr>
<td>Flammability</td>
<td>ASTM D635</td>
<td>Self Extinguishing</td>
</tr>
<tr>
<td>Abrasion Resistance</td>
<td>ASTM D4060, CS17 Wheel, 1000 cycles</td>
<td>32 mg</td>
</tr>
<tr>
<td>Impact Resistance</td>
<td>MIL-D-3134J</td>
<td>Withstands 16 ft-lbs without cracking, delamination or chipping</td>
</tr>
<tr>
<td>Resistance to Elevated Temperatures</td>
<td>MIL-D-3134J</td>
<td>No slip or flow at required temperature of 158ºF</td>
</tr>
<tr>
<td>Slip Resistance</td>
<td>ASTM D2047</td>
<td>&gt;0.6 Passes ADA recommendations</td>
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</tbody>
</table>
APPLICATION

SURFACE PREPARATION
Surface Preparation is the most critical portion of any successful resinous flooring system application. All substrates must be properly prepared and tested for moisture as outlined in Key Resin Technical Bulletin #1. If moisture testing confirms excessive levels of moisture, apply moisture mitigation system recommended by Key Resin. Work must be performed by experienced contractors. The Key Resin Technical Service Department is available to answer any questions.

INSTALLATION
KEY EPOCON SLT material components are mixed on site. Refer to the detailed installation instructions document and Key Resin Technical Service.

CLEAN UP
Clean skin with soap and water. Tools and equipment should be cleaned with xylene or lacquer thinner. Consult Safety Data Sheet (SDS) for safety and health precautions.

MAINTENANCE
After completing the application of KEY EPOCON SLT, the installer should provide the owner with maintenance instructions. KEY EPOCON SLT is easily cleaned with neutral soaps or detergents. Routine mechanical scrubbing using the appropriate pad is recommended for all surfaces having a slip resistant texture. Refer to Key Resin Technical Bulletins #3 and #3-A for additional recommendations.

SYSTEM OPTIONS
• Chemical resistant version
• Broadcast for slip resistance

TECHNICAL SERVICE
Key Resin Company provides services and consultations on material selection, specification, troubleshooting, and other information on the proper repair and protection of concrete surfaces. Key Resin Representatives are available to assist. Telephone 888.943.4532 or visit www.keyresin.com.

AVAILABILITY
Key Resin flooring systems are available throughout the United States, Canada, and a number of other countries. Contact the Key Resin Sales Representative in your area for details.

WARRANTY
Key Resin Company ("Key") warrants for a period of one (1) year that its products will be free of manufacturing defects and will be in conformity with published specifications when handled, stored, mixed, and applied in accordance with recommendations of Key. If any product fails to meet this warranty, the liability of Key will be limited to replacement of any non-conforming material if notice of such non-conformity is given to Key within (1) one year of delivery of materials. Key may in its discretion refund the price received by Key in lieu of replacing the material. No customer, distributor, or representative of Key is authorized to change or modify the published specifications of this warranty in any way. No one is authorized to make oral warranties on behalf of Key. In order to obtain replacement or refund the customer must provide written notice containing full details of the non-conformity. Key reserves the right to inspect the non-conforming material prior to replacement. EXCEPT FOR THE EXPRESSED WARRANTY STATED ABOVE, THERE ARE NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE. KEY’S OBLIGATION SHALL NOT EXTEND BEYOND THE OBLIGATIONS EXPRESSLY UNDERTAKEN ABOVE AND KEY SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO THE PURCHASER OR ANY THIRD PARTY FOR ANY LOSS, COST, EXPENSE, DAMAGE OR LIABILITY, WHETHER DIRECT OR INDIRECT, OR FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.