KEY URECON SL
Technical Data Sheet

DESCRIPTION

URECON SL is a 1/8” – 1/4” seamless, urethane modified, cementitious slurry system that produces a dense, non-porous floor that is chemical and dirt resistant. Ideal for medium to heavy duty traffic areas, URECON SL exhibits high impact resistance and excellent thermal shock and chemical resistance. URECON SL can be installed with an integral cove base for areas requiring seamless wall to floor coatings. Excellent for rehabbing old floors, the URECON SL system provides a strong, long lasting, and attractive surface that resists chemical corrosion, abrasion, and impact.

KEY ADVANTAGES

• Excellent chemical, wear, and impact resistance
• Moisture Tolerant
• Thermal Shock Resistant
• Low maintenance
• VOC (EPA Method 24) SCAQMD Compliant
• Fast cure time
• Low odor application
• Chemical resistant finishes are available

TYPICAL USES

• Concrete floor rehabilitation
• Medium and heavy duty manufacturing
• Packaging areas
• Dry processing
• Numerous other uses-Consult with Key Resin

PHYSICAL PROPERTIES

<table>
<thead>
<tr>
<th>Test Name</th>
<th>Method</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td></td>
<td>Dark Grey, Tan, Red, Black, Green and Custom Colors</td>
</tr>
<tr>
<td>VOC (Volatile Organic Content)</td>
<td>EPA Method 24</td>
<td>Refer to Individual Product Component Data Sheet</td>
</tr>
<tr>
<td>Adhesion to Concrete</td>
<td>ASTM D4541</td>
<td>300-400+ psi (Concrete Failure, varies by concrete strength)</td>
</tr>
<tr>
<td>Compressive Strength</td>
<td>ASTM C579</td>
<td>7,500 psi</td>
</tr>
<tr>
<td>Flexural Strength</td>
<td>ASTM C580</td>
<td>2,600 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>1,100 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 158°F</td>
</tr>
<tr>
<td>Slip Resistance</td>
<td>ASTM D2047</td>
<td>&gt;0.6</td>
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Slip Resistance >0.6 Passes ADA recommendations
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. Work must be performed by experienced contractors. The Key Resin Technical Service Department is available to answer any questions.

INSTALLATION
KEY URECON SL 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.

SYSTEM OPTIONS
- Integral Cove Base
- KEY URECON SC as outgas preventative primer
- KEY URECON SC as topcoat
- KEY ULTRACON SC as topcoat

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 Sales/Technical Representatives are available to assist. Telephone 888.943.4532 or visit www.keyresin.com.

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

MAINTENANCE
After completing the application of KEY URECON SL, the installer should provide the owner with maintenance instructions. KEY URECON SL 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.