KEY QUARTZ T-250
Technical Data Sheet

DESCRIPTION
KEY QUARTZ T-250 is a decorative, troweled resin flooring system that combines the beauty of colored quartz flooring with the durability of a troweled mortar system. Consisting of a troweled blend of colored quartz aggregate in a clear, 100% solids epoxy binder, KEY QUARTZ T-250 provides decorative, heavy-duty protection at 3/16” to 1/4”. This durable quartz system is finished with various options of clear epoxy, polyaspartic or urethane resins, in satin or gloss to meet project requirements. KEY QUARTZ T-250 eliminates porosity and produces a dense, slip resistant finish that will minimize dirt and chemical penetration. Crack-resistant installations of KEY QUARTZ T-250 can be achieved when installed in conjunction with KEY #580 Waterproofing and Crack Isolation Membrane. An integral cove base can be installed in areas requiring seamless floor to wall finishes.

KEY ADVANTAGES
• Decorative appearance
• High wear, impact, and abrasion resistance
• Low maintenance
• Safe (slip resistant finish with added anti-slip grit)
• Chemical resistant finishes are available
• Meets USGBC LEED criteria for low VOC

PHYSICAL PROPERTIES

<table>
<thead>
<tr>
<th>Test Name</th>
<th>Method</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Key Standard Colors and Custom Colors</td>
<td></td>
</tr>
<tr>
<td>VOC (Volatile Organic Content)</td>
<td>Refer to Individual Product Component Data Sheet</td>
<td></td>
</tr>
<tr>
<td>Adhesion to Concrete</td>
<td>ASTM D7234</td>
<td>300-400+ psi (Concrete Failure, varies by concrete strength)</td>
</tr>
<tr>
<td>Compressive Strength</td>
<td>ASTM C579</td>
<td>14,000 psi</td>
</tr>
<tr>
<td>Flexural Strength</td>
<td>ASTM C580</td>
<td>4,200 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>2,400 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 average Varies by topcoat</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>
</tr>
</tbody>
</table>

TYPICAL USES
• Corridors
• Restrooms and locker rooms
• Food and beverage processing
• Classrooms
• Shower rooms
• Cafeterias
• Laboratories
• Animal housing
• Production, manufacturing areas
• Clean rooms
• Government and military facilities
• Healthcare facilities
• Numerous other uses—consult with Key Resin

Impact Resistance
MIL-D-3134J
Withstands 16 ft lbs without cracking, delamination or chipping

Resistance to Elevated Temperatures
MIL-D-3134J
No slip or flow at required temperature of 158°F

Slip Resistance
ASTM D2047
>0.6
Passes ADA recommendations
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.