



**TECHNICAL DATA SHEET**

**PRODUCT DESCRIPTION**

**UGT GROUT N PATCH** is ideal for areas where traditional cementitious products are inadequate due to hydration requirements, length of cure time, lack of chemical resistance, or lower compression and flexural strength. **GROUT N PATCH** can be formed, molded or shaped, making it ideal for vertical installation, re-construction of key features, repair of damaged concrete, or new construction. **UGT GROUT N PATCH** is a specially formulated, 100% solid, epoxy concrete restoration and re-build product designed to repair heavily damaged concrete or re-construct areas where a quicker turn-around or improved chemical resistance is necessary. **UGT GROUT N PATCH** is a perfect for top course or cone repair in a manhole chimney.

OTHER USES	SURFACE PREPARATION									
<ul style="list-style-type: none"> <li>· Pump Pads · Non-Shrink</li> <li>· Extensive concrete repair · 100% solid</li> <li>· Chemical troughs</li> <li>· Convenient 1:1:1 mix ratio by volume</li> <li>· High traffic areas · Specially formulated aggregate</li> <li>· High impact areas · High compressive and flexural strength</li> <li>· Curbs · Good chemical resistance</li> <li>· Fillets</li> </ul>	<ul style="list-style-type: none"> <li>• Surface must be free of dirt, dust, oil, grease, chemical and other contaminants immediately prior to applying GROUT N PATCH.</li> <li>• New concrete should be cured a minimum of 28 days.</li> <li>• Concrete must be structurally sound and must not contain any accelerators or curing compounds.</li> <li>• Remove all oil and grease.</li> <li>• Remove all surface laitance and expose sound concrete. We recommend abrasive blasting to do this. However, other methods, such as acid etching and neutralizing, may be used.</li> <li>• In general, any existing coating should be completely removed. Honeycomb and form voids on vertical surfaces may be filled using GROUT N PATCH.</li> </ul>									
COVERAGE	PACKAGING									
<p style="text-align: center;"><b>20 SQ. FT.</b> Kit Size ¼" Thickness</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 33%;">Working Time</td> <td style="width: 33%;">72°F -75°F</td> <td style="width: 33%;">20 -30 minutes</td> </tr> <tr> <td>Cure Time (Floor Traffic)</td> <td>72°F -75°F</td> <td>8 -12 hours</td> </tr> <tr> <td>Chemical Service</td> <td>72°F -75°F</td> <td>24-36 hours</td> </tr> </table>	Working Time	72°F -75°F	20 -30 minutes	Cure Time (Floor Traffic)	72°F -75°F	8 -12 hours	Chemical Service	72°F -75°F	24-36 hours	<p>5-GALLON BUCKET CONTAINING:</p> <ol style="list-style-type: none"> <li>1. 1 GALLON PART A</li> <li>2. 1 QT. PART B</li> </ol> <p>50 LBS OF AGGREGATE</p>
Working Time	72°F -75°F	20 -30 minutes								
Cure Time (Floor Traffic)	72°F -75°F	8 -12 hours								
Chemical Service	72°F -75°F	24-36 hours								
Tools Required	STORAGE									
<ol style="list-style-type: none"> <li>1. Drill</li> <li>2. Jiffy type mixer,</li> <li>3. Small disposable paint roller low nap.</li> <li>4. Various Trowels</li> </ol>	<p>Keep <b>GROUT N PATCH</b> components tightly sealed in their original containers until ready for use. Store components A &amp; B and aggregate between 60°F -80°F. Properly stored <b>GROUT N PATCH</b> has a shelf life of one year.</p>									
INSTRUCTIONS	CLEAN UP									
<ol style="list-style-type: none"> <li>1. Pour Side liquid A and B together in included 5 gallon pail. Mix with standard mixing stick.</li> <li>2. Using roller, dip into mixture and shake lightly to reduce excess.</li> <li>3. Apply with roller to substrate for priming.</li> <li>4. Add agregate into mixture.</li> <li>5. Use drill and jiffy mixer to blend mixture until consistent.</li> <li>6. Use trowel to apply and sculpture.</li> <li><b>7.</b> Let repair cure, approximately 2 hours.</li> </ol>	<p><b>GROUT N PATCH</b> may be removed from tools and equipment using xylene or MEK.</p>									
	<p style="text-align: center;"><b>SAFETY</b></p> <p>Avoid contact with eyes and skin. Do not ingest or inhale. When working with <b>GROUT N PATCH</b> always wear chemical goggles, rubber gloves, and appropriate work clothes. Refer to the MSDS regarding individual components, additional safety precautions, and proper clean up procedures</p>									



TYPICAL CURED PROPERTIES		
Compressive Strength	8,000 -10,000 psi	ASTM C-579
Tensile Strength	4,000 -5,000 psi	ASTM C-307
Flexural Strength	6000 -7000 psi	ASTM C-580
Density	125 lbs/cu ft	
Coefficient of Thermal Expansion	20 x 10 <sup>-6</sup> in/in°F	ASTM C-531