Physical Properties:

<table>
<thead>
<tr>
<th>Property</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Consistency, (ASTM C881)</td>
<td>Non Sag Paste</td>
</tr>
<tr>
<td>Color</td>
<td>Gray</td>
</tr>
<tr>
<td>Pot Life, Minutes:</td>
<td>20</td>
</tr>
<tr>
<td>Shelf Life:</td>
<td>2 years</td>
</tr>
<tr>
<td>VOC Content (ASTM D2369):</td>
<td>0% VOC</td>
</tr>
</tbody>
</table>

DESCRIPTION:

Tstrata Gel is a two-part, 100% solids, epoxy for non-sag epoxy repair applications. Tstrata Gel is easily used to seal cracks and bond injection ports for epoxy pressure injection. The gray colored gel is left in place or ground off when crack repair is complete.

ADVANTAGES

- Holds injection ports in place vertically and overhead
- Tenacious bond to concrete
- Easy 1A to 1B by volume mix ratio
- Moisture insensitive
- Easy to spread consistency

APPROXIMATE POT LIFE:

20 minutes @72°F (22°C)

APPLICATION INFORMATION

SURFACE PREPARATION:

The surface must be structurally sound, clean and free of grease, oil, curing compounds, soil, dust and other contaminants. Concrete surfaces must be roughened minimally by wire brushing, then thoroughly cleaned of all dust and debris. Route cracks and blow dust/debris from them with oil-free compressed air if needed.

BASIC APPLICATION EQUIPMENT:

Application processes Tstrata Gel will require mixing drill, mixing paddle, putty knife or spatula for application.

MIXING:

For ease of mixing warm material to 65°F prior to application. Mix Tstrata GEL using a low-speed drill and a mixing paddle. Pre-mix Part A and Part B separately for approximately 1 minute each. Blend Part A and Part B with a mechanical mixer for 3 minutes until uniformly blended using a low-speed drill and a mixing paddle. Combine Part A and Part B in a 1 to 1 ratio by volume. Scrape the bottom and sides of the containers at least once during mixing. Do not scrape bottom or sides of the container once mixing operations have ceased; doing so may result in unmixed resin or hardener being applied to the substrate. Unmixed resin or hardener will not cure properly. Mix only what can be applied in 20 minutes.

COVERAGE

One gallon (3.8 L) yields 231 in³ (3,785 cm³) of epoxy.

Application:

Setting ports & sealing cracks: Place a small amount of mixed TSTRATA GEL on the back of the port and carefully place it centered over the crack. Be careful to not fill the hole of the injection port. Place TSTRATA GEL over the face of the cracks to be pressure injected, and around each injection port. Place a mound of the paste around the base of the port. Place about 3/16 “ of Tstrata Gel over the crack. If the crack goes completely through the concrete, seal the back of the crack so injection resin does not flow out. Allow TSTRATA GEL to sufficiently harden (hours) before injecting, to prevent blowouts.

LIMITATIONS:

Only apply Tstrata GEL when the ambient temperature is between 50°F and 100°F (10°C to 38°C).

CLEAN UP:

Use methyl ethyl ketone or acetone for cleanup. Clean tools and application equipment immediately. Observe fire and health precautions when using solvents. Dispose of in accordance with local regulations. Clean spills or drips with the same solvents while still wet.

OBSERVE WORKING TIME LIMITATIONS:

Mix no more material than can be applied within the working time. Ambient temperatures should be between 50°F and 90°F (10°C and 32°C). Material temperatures should be at least 50°F (10°C) and rising. Working time and cure time will decrease as the temperature increases and will increase as the temperature decreases.

SHELF LIFE:

Stored at 70°F (21°C): 24 months (Parts A and B)

PACKAGING:
1 Gallon A, 1 Gallon B per kit

STORAGE:

Store in a cool, dry area (45°F and 90°F [8°C to 32°C]) away from direct sunlight, flame or other hazards.
SAFETY:
WARNING: Contains epoxy adhesive and curing agent. May cause skin sensitivity or other allergic responses. In enclosed areas or where ventilation is poor use an approved air mask and utilize adequate safety precautions to prevent fire or explosion. In case of skin contact, wash with soap and water. For eyes, flush immediately (seconds count) with water for 15 minutes and CALL A PHYSICIAN. If swallowed, CALL A PHYSICIAN IMMEDIATELY.

HANDLING:
Approved personal protection equipment should be worn at all times. Gloves are recommended to avoid skin irritation. Safety glasses are recommended to prevent eye irritation. Wear chemical resistant clothing /gloves/goggles. Ventilate area. Product Safety Data Sheets (SDS) are available and should be consulted and on hand whenever handling these products.

LIMITATIONS:
Do not thin Tstrata GEL. Tstrata GEL will discolor upon prolonged exposure to ultraviolet light and high-intensity artificial lighting. Tstrata GEL is not to be used as a finished/aesthetic coating. Do not use TStrata GEL for overhead anchoring.

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