ANCHOR RESIN
RAPID CURING “ONE SHOT” TWO-PART CHEMICAL ANCHORING CARTRIDGE SYSTEM

Geochem Anchor Resin is a rapid curing “one shot” two-part chemical anchoring cartridge system, applied in one single action to produce a cost effective, tough, chemical resistant fixing. It is suitable for fixing wall ties, starter bars, studs, bolts or large screws in a concrete, masonry, stone and PFA blocks.

Geochem Anchor Resin:
- Rapid cure chemical anchoring system – suitable for emergency repairs
- Sets, bolts, studs and anchor plates
- High strength – resistant to vibration
- Chemical resistant
- Excellent impact and wear resistance
**TECHNICAL DATA**

**Storage Life**
12 Months unopened stored between 5°C and 25°C in original containers

Specification writers: These values are not intended for use in preparing specifications. Please contact your local Geocel Sales Representative prior to writing specifications on this product.

**APPLICATION**

Note: Before a cartridge is used ensure both dispensed holes are clear and eject the first 10ml or so of Geochem Anchor Resin to waste until mix is an even colour.

Drill correct hole size [1]

Clean hole by brushing and blowing out [2/3]

For overhead applications push retaining collar fully into hole first. [4]

Inject resin into hole until approx 1/3 full

Release pressure on gun

Insert the stud twisting back and forwards ensuring enough resin is available to overflow around the stud [5]

Wipe off excess resin

After cure time attach fixture

**COVERAGE**

<table>
<thead>
<tr>
<th>Anchor Size mm</th>
<th>Hole Diameter mm</th>
<th>Hole Depth mm</th>
<th>Approx No of fixings per 300ml cartridge</th>
<th>Approx No of fixings per 380ml cartridge</th>
<th>Tensile (KN)</th>
<th>Shear (KN)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>10</td>
<td>80</td>
<td>60</td>
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<td>110</td>
<td>24</td>
<td>30</td>
<td>41.0</td>
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<td>170</td>
<td>8</td>
<td>10</td>
<td>105.0</td>
<td>72.0</td>
</tr>
</tbody>
</table>

**PACKAGING**

Geochem Anchor Resin is available in 300ml and 380ml cartridges.

**LIMITATIONS**

Safety factors should be considered depending on the strength and nature of the substrate. Due to the inconsistent nature of hollow blocks and bricks, pull out strength may vary. Site testing should be carried out where necessary to establish particular suitability.

**HEALTH AND SAFETY**

Geochem Anchor Resin contains styrene and is flammable. Do not smoke and keep away from naked flames. Please refer to Health and Safety data sheets available on request.

**TECHNICAL SERVICE**

For further technical information, advice on suitability for specific applications, or detailed Health and Safety information, contact Geocel Technical Service.

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