



concrete slab

sub-slab aggregate





GVP Sub-Slab Installation Instructions

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The world's finest sampling
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After drilling the hole and getting the probe all set up;

1. Place approximately 1 inch of Bentonite chips No. 8 (dry) directly on top of the plug as your lowering down the probe (no water added). This will help keep the Gel from leaking past the plug.
2. Mix up Bentonite Gel with water in a bucket. Do this by slowly adding the Gel powder and water while mixing with a mud mixer attached to the end of a drill for thorough mixing and no clumping. Consistency of cake batter
3. Slowly add Bentonite Gel on top of the chips using the corner cut of a plastic sandwich baggie or cake frosting decorator. Poke the Gel down the hole with a spare probe or something that size to make sure all the Gel is getting in the hole properly and there are no air bubbles. Leave an inch between Gel and top. This Gel will hydrate the chips below. Let this set for two days.
4. After returning to the site a couple of days later slowly screw a U-Bolt into top of the probe and slowly pull probe out of the hole slightly to inject Mortar Mix.
5. Mix up a batch of powered Tile Repair Mortar with slowly adding water (consistency of cake batter also). You can use a small plastic dish and a stirrer.
6. The Mortar will be inserted on the top 1 inch of the well. You'll need at least 2 hours drying time for the Mortar
7. Run your helium tracer test
8. If good, collect sample

Sampling Equipment

PowerProbe

Well Management

Pest Control

PowerCore