

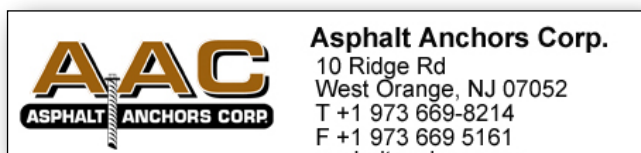
1. Drilled 1-½" hole #29 in front of 3rd garage at 10 ridge rd. on 9/28/2019 11AM 80 deg
2. Asphalt is about 3" thick in the area.
3. The gravel refills the hole as soon as the drill is pulled out.
4. Used 10 FL Oz of EPX2, mixed with water to achieve a very viscous consistency.
5. Some grout oozed out through a gap between the bottom of the asphalt and the top of the gravel layer.
6. The top 1" of the filled hole was practically without grout.
7. Had to hammer the anchor in using a 3 lb hammer as the self-flowing gravel closed the hole.
8. Tested on 9/29 about 24 hours after installing the anchor.
9. Used the Hichance pull tester with our custom plate. The hydraulic tester is rated for 30 kN.
10. increased force up to the max of **30.6 Kn**.
11. That is 6,880 lbs.
12. No sign of cracking, neither in the grout nor in the surrounding asphalt.
13. See picture on right, shown after test was completed.



### **TORQUE TEST**

9/30/2019

On same anchor, used a torque wrench to tighten the bolt. Got as far as 60 ft-lbs without it budging. That is 720 in-lbs. Limit is my strength, not the anchor.



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