



Report of Threaded Rod Anchor Pullout Test

Client: Berglund

Project No: 013912

Date: February 12, 2018

Stone Type: Cold Spring Granite "Carnelian"

Adhesive: Bonstone Ultimate

Test Method: ASTM 1354, Standard Test Method for Strength of Individual Stone Anchorages in Dimensional Stone

Calculation: Anchorage system load = Test machine load

Loading: Constant rate of loading at 600 lbs./ minute until failure

Anchor Description: First two samples: 3/8" diameter threaded rod with nominal 1-1/2" embedment; third sample 1/5" diameter rod

Nominal Dimensions:

Length (inches)	Width (inches)	Thickness (inches)
7	4	2-1/2

Finish: Honed

Sample Number	*Days Cured	Failure Mode	Anchoring System Load (lbf)
1	3	Stone failure, small cone	3,807
2	3	Stone failure, small cone	3,914
3	3	Stone failure, small cone	3,574
Average Anchorage System Load			3,765

* **Days** reflect the amount of time the anchoring system was tested after mixing parts A epoxy & B hardener together.