



Report of Threaded Rod Anchor Pullout Test

Client: Bonstone Materials Corp

Project No: 121615

Date: December 16th, 2015

Stone Type: Indiana Buff Limestone

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: 1/4" diameter threaded rod with nominal 1.5" embedment

Nominal Dimensions:

Length (inches)	Width (inches)	Thickness (inches)
8	4	3

Finish: Honed

Sample System Number	*Days Cured	Conditions	Failure Mode	Anchoring Load (lbf)
1	10	Dry Stone	Stone failure, cone	1866
2	9	After 9 days submerged in water 24 hours/ Dried 30 minutes then tested	Stone failure, cone	1810

Average Anchorage System Load

1,838

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