

Report of Threaded Rod Anchor Pullout Test

Client:

Bonstone Material Corporation

Report No.:

902317

Project No.:

0611892

Date of Service: June 30, 2006

Stone Type:

Concrete (approximately 4000 psi)

Adhesive:

Bonstone Clear Gel Epoxy

Test Method: ASTM C 1354, Standard Test Method for Strength of Individual Stone

Anchorages in Dimension 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" embedment

Nominal Dimensions:

Length	Width	Thickness
(inches)	(inches)	(inches)
12	12	2.00

Conditioning: Tested in an "as is" condition

Finish:

Honed

Sample	Failure Mode	Anchorage System
Number		Load (lbf.)
1	4.5" cone	2,077
2	7" cone	1,770
3	4" cone	1,955
4	3" cone	2,047
5	7" cone	1,941
Average Anchorage System Load:		1,958
Standard Deviation:		120
Variance (percent):		6.13