



Report of Threaded Rod Shear Test

Client: Bonstone Material Corporation
Project No.: 0611892

Report No.: 902317
Date of Service: June 30, 2006

Stone Type: Indiana Limestone
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 (inches)	Width (inches)	Thickness (inches)
12	12	2.00

Conditioning: Tested in an "as is" condition

Finish: Honed

Sample Number	Failure Mode	Anchorage System Load (lbf.)
1	Anchor pullout, 4.5" cone	2,887
2	Bolt sheared	3,166
3	Bolt sheared	3,323
4	Bolt sheared	3,021
5	Bolt sheared	2,791
Average Anchorage System Load:		3,038
Standard Deviation:		213
Variance (percent):		7.01