



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: Fast Set 41 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	Bolt sheared	3,025
2	Bolt sheared	2,856
3	Bolt sheared	2,610
4	Bolt sheared	2,765
5	Anchor pullout, 3" cone	2,737
Average Anchorage System Load:		2,799
Standard Deviation:		154
Variance (percent):		5.50