



# METALLURGICAL, INC.

Testing & Consulting Services

2870 Stirling Road • Hollywood, FL 33020-1199 • (954) 889-0089

Job No. 7EM-477

Date July 25 P.O.

Company StoneHardscapes

No. Verbal \_\_\_\_\_

## TEST RESULTS

Natural Tumbled

### Compressive Strength to ASTM-C 170

	Item #	Load - Lbs	Stress - Lbs/in.2
WET TRANSVERSE	1	5300	5,886
	2	4900	5,717
	3	6300	6,558
	4	4000	4,679
	5	3650	4,982
<b>Stress Average</b>			<b>5,564</b>

	Item #	Load - Lbs	Stress - Lbs/in.2
WET LONG	6	9300	9,876
	7	6650	7,246
	8	4900	5,464
	9	9450	9,760
	10	5500	6,525
<b>Stress Average</b>			<b>7,774</b>

	Item #	Load - Lbs	Stress - Lbs/in.2
DRY TRANSVERSE	11	5300	5,949
	12	9400	11,034
	13	8000	8,681
	14	6300	8,552
	15	8400	9,490
<b>Stress Average</b>			<b>8,741</b>

	Item #	Load - Lbs	Stress - Lbs/in.2
DRY LONG	16	8800	9,867
	17	9200	10,688
	18	6900	7,928
	19	8900	10,402
	20	7000	9,335
<b>Stress Average</b>			<b>9,644</b>

### Water Absorption & Density to ASTM-C 97

Water Absorption, % 1.303

Bulk Density 2.46

### Co-Efficient of Friction to ASTM-C 1028

Wet 0.73

Dry 0.70

PASS

### Freeze & Thaw to ASTM-C 666

Notes No cracks or deformation noted.

Results PASS

By \_\_\_\_\_

Frank Grate