



ETL SEMKO

Test: **Weight (saturated)**
 Date: August 27, 2003
 Client: Rocky Mountain Stone Works
 Project No: 3041212
 Product: Manufactured concrete stone
 Test Method: ASTM C140-02a - Standard Test Methods for Sampling and Testing Concrete Masonry Units and Related Units
 Sample Type: Whole units (#3 cut from large stone)
 Equipment: Setra Balance 2000g SN 144363 ITS ID P52606
 Mitutoyo Digital Calipers CD-18 SN 7003817 ITS ID P52639
 Mitutoyo Digital Calipers SN 98865 ITS ID 52650

Sample	Length	Width	Mean Thickness ²	Saturated Weight	Weight	Weight (per 70mm ¹)
	(mm)	(mm)	(mm)	(g)	(kg/m ²)	(kg/m ²)
1	77	72	37	274.09	49.4	95
2	148	72	32	425.28	39.9	87
3	232	82	49	1205.32	63.4	90

¹Weight/70mm thickness

²Based on 6 actual measurements

Calculated Mean Result	50.9 kg/m ²
Coefficient of Variation	23.2 %
CCMC 07483 (maximum)	75 kg/m ²



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Measurement	Sample thickness (mm)		
	1	2	3
1	37.2	32.29	49.72
2	37.3	32.2	50.9
3	35.0	32.2	51.1
4	37.2	31.5	50.1
5	37.6	30.8	47.9
6	35.6	33.2	46.2
Mean	36.5	32.0	49.3
Coefficient of Variation (%)	2.9	2.4	3.8