Intertek ETL SEMKO

Test:	**Density**
Date:	August 29, 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 Scale 2000g SN 144363 ITS ID P52606 Fluke 52II meter ITS ID D2679 Temperature controlled oven

Sample	Saturated weight	Immersed weight	Oven-dry weight[1]	Oven-dry weight[2]	Increment of Loss[3]	Density	
	(g)	(g)	(g)	(g)	(%) by mass)	kg/m^3	lb/ft^3
1	274.09	92.63	243.83	243.64	0.08	1343	83.8
2	425.28	119.83	382.41	382.13	0.07	1251	78.1
3	1205.32	352.47	1113.14	1112.20	0.08	1304	81.4

[1]Initial oven-dry weight

[2]Oven-dry weight 2 hours later

[3]Not to exceed 0.2 %

Mean Result	1299 kg/m^3	81.1 lb/ft^3

Intertek ETL SEMKO

Test:	**Density**		
Date:	26-Sep-06	Project No:	3090257
Client:	Rocky Mountain Stoneworks	Eng/Tech:	Trevor Kwasnycia
Product:	Stone Cladding		
Specimen Thickness:	1.50 in 38.1 mm		
Test Method:	ASTM C 140 - 05a Standard Test Methods for Sampling and Testing Concrete Masonry Units and Related Units		
Conditioning:	Saturation - Immersed in water at 60 to 80°F (15.6 to 26.7°C) for 24 h		
	Drying - Dried in ventilated oven at 212 to 239°F (100-115°C) for min 24 h		
Equipment:	Setra Scale 125000g (Intertek ID 9-0418) Calibration due Date: March-07		
	Fluke 52II meter (Intertek ID D2679) Calibration due Date: 02-June-07		
	Temperature controlled oven (Intertek ID 9-0477)		

Sample	Oven-dry weight after 24 hours (g)	Oven-dry weight after 26 hours (g)	Increment of Loss[3] (% by mass)	Immersed weight (g)	Saturated weight in air (g)	Density (kg/m[3])
1	629	629	0.00	238	737	1262
2	720	720	0.00	297	867	1263
3	590	590	0.00	239	708	1258
4	720	720	0.00	260	850	1220
5	685	685	0.00	295	836	1266
					Mean:	1254
					StdDev:	19.19
					COV:	1.5%

[3]Not to exceed 0.2 %