

## STALITE QUALITY CONTROL REPORT - 3/8" STRUCTURAL MATERIAL

### Summary of Average Test Results by Month and Year

	January	February	March	April	May	June	July	August	September	October	November	December	Year
<b>2003</b>													
Relative Density	1.604	1.603	1.594	1.571	1.571	1.582	1.575	1.572	1.585	1.594	1.579	1.574	1.583
Standard Deviation	0.018	0.018	0.029	0.044	0.044	0.041	0.036	0.038	0.039	0.027	0.036	0.051	0.037
Std Dev / Avg (%)	1.15%	1.10%	1.80%	2.77%	2.77%	2.60%	2.27%	2.40%	2.48%	1.67%	2.30%	3.23%	2.36%
Number of tests	22	19	20	21	21	20	22	21	22	23	18	21	250
<b>2004</b>													
Relative Density	1.579	1.593	1.582	1.591	1.581	1.597	1.575	1.571	1.572	1.560	1.570	1.581	1.579
Standard Deviation	0.037	0.039	0.026	0.028	0.035	0.029	0.038	0.033	0.035	0.054	0.043	0.031	0.037
Std Dev / Avg (%)	2.36%	2.43%	1.64%	1.78%	2.22%	1.82%	2.44%	2.12%	2.25%	3.44%	2.76%	1.96%	2.36%
Number of tests	21	22	23	22	21	23	22	22	21	23	20	21	261
<b>2005</b>													
Relative Density	1.595	1.576	1.573	1.598	1.588	1.591	1.581	1.562	1.569	1.590	1.577	1.577	1.582
Standard Deviation	0.028	0.035	0.037	0.026	0.049	0.039	0.031	0.039	0.035	0.050	0.033	0.027	0.037
Std Dev / Avg (%)	1.74%	2.21%	2.37%	1.65%	3.06%	2.47%	1.96%	2.47%	2.23%	3.17%	2.08%	1.73%	2.37%
Number of tests	21	20	22	25	23	26	22	22	22	21	20	19	263
<b>2006</b>													
Relative Density	1.552	1.563	1.529	1.587	1.572	1.600	1.601	1.573	1.605	1.597	1.583	1.598	1.579
Standard Deviation	0.045	0.040	0.064	0.036	0.044	0.040	0.026	0.046	0.039	0.028	0.040	0.041	0.047
Std Dev / Avg (%)	2.89%	2.56%	4.21%	2.24%	2.77%	2.51%	1.63%	2.94%	2.45%	1.75%	2.51%	2.56%	2.98%
Number of tests	21	21	23	19	23	22	19	17	20	22	21	21	249
<b>2007</b>													
Relative Density	1.607	1.596	1.571	1.559	1.563	1.571	1.569	1.598	1.598	1.553	1.580	1.574	1.578
Standard Deviation	0.021	0.046	0.036	0.045	0.040	0.030	0.046	0.038	0.040	0.035	0.051	0.044	0.043
Std Dev / Avg (%)	1.28%	2.90%	2.30%	2.91%	2.54%	1.91%	2.94%	2.41%	2.48%	2.23%	3.21%	2.78%	2.69%
Number of tests	22	20	24	21	23	21	21	23	19	23	21	19	257

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	January	February	March	April	May	June	July	August	September	October	November	December	Year
<b>2003</b>													
Density (pcf)	52.11	52.08	51.60	51.95	52.20	52.49	52.44	51.70	52.10	52.79	51.65	51.63	52.08
Standard Deviation	1.47	1.27	0.96	0.89	0.97	1.26	1.04	1.00	1.02	1.09	1.09	1.65	1.19
Std Dev / Avg (%)	2.81%	2.43%	1.86%	1.72%	1.87%	2.40%	1.98%	1.93%	1.95%	2.07%	2.11%	3.20%	2.29%
<b>2004</b>													
Density (pcf)	51.53	52.21	51.67	51.32	50.74	51.32	51.08	51.72	50.49	51.79	51.03	50.79	51.32
Standard Deviation	1.25	0.90	1.47	1.57	1.25	1.42	1.53	1.39	2.02	1.52	1.30	1.38	1.49
Std Dev / Avg (%)	2.42%	1.72%	2.85%	3.06%	2.47%	2.78%	2.99%	2.68%	4.00%	2.94%	2.55%	2.72%	2.90%
<b>2005</b>													
Density (pcf)	51.15	49.80	51.06	51.60	51.76	51.90	51.61	51.05	50.85	49.59	50.89	50.83	51.05
Standard Deviation	1.09	1.59	1.09	1.71	1.18	1.70	1.08	1.21	1.66	1.47	1.41	1.16	1.53
Std Dev / Avg (%)	2.13%	3.20%	2.14%	3.31%	2.28%	3.28%	2.08%	2.38%	3.27%	2.97%	2.76%	2.28%	3.00%
<b>2006</b>													
Density (pcf)	51.08	50.22	50.08	51.55	51.43	52.16	51.61	50.94	51.90	52.55	51.58	51.79	51.41
Standard Deviation	1.93	2.29	1.29	1.26	1.44	2.36	1.14	2.32	2.74	2.01	1.87	2.32	2.06
Std Dev / Avg (%)	3.78%	4.56%	2.57%	2.44%	2.80%	4.52%	2.22%	4.56%	5.27%	3.83%	3.63%	4.48%	4.01%
<b>2007</b>													
Density (pcf)	50.45	51.24	50.85	51.64	49.68	52.57	50.64	52.23	52.17	49.58	51.62	50.01	51.05
Standard Deviation	1.20	1.59	2.36	2.97	2.37	2.13	2.09	1.67	2.52	2.64	2.35	1.73	2.35
Std Dev / Avg (%)	2.37%	3.10%	4.64%	5.75%	4.76%	4.06%	4.14%	3.19%	4.83%	5.33%	4.55%	3.45%	4.60%

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	January	February	March	April	May	June	July	August	September	October	November	December	Year
<b>2003</b>													
Moisture Content (%)	10.11	8.64	8.87	11.70	NA	9.59	10.10	10.05	10.26	11.22	10.71	NA	10.15
Standard Deviation	2.14	2.20	2.44	2.02	NA	2.81	2.93	2.32	1.56	2.63	3.00	NA	2.54
Std Dev / Avg (%)	21.17%	25.44%	27.55%	17.24%	NA	29.25%	28.99%	23.10%	15.19%	23.41%	28.03%	NA	25.03%
<b>2004</b>													
Moisture Content (%)	6.02	6.39	4.49	6.01	4.39	4.99	4.70	8.68	10.19	10.48	10.43	9.01	7.11
Standard Deviation	2.45	1.99	1.64	2.57	2.00	2.49	2.26	2.75	3.84	2.22	2.40	4.08	3.48
Std Dev / Avg (%)	40.65%	31.14%	36.43%	42.73%	45.66%	49.94%	48.12%	31.66%	37.70%	21.18%	23.03%	45.24%	48.91%
<b>2005</b>													
Moisture Content (%)	8.60	9.22	9.79	10.03	10.62	12.32	12.33	13.55	11.85	8.48	10.04	9.24	10.57
Standard Deviation	2.36	3.07	2.45	1.81	3.65	3.64	2.62	2.54	3.26	2.98	2.92	2.07	3.20
Std Dev / Avg (%)	27.47%	33.26%	25.08%	18.02%	34.35%	29.56%	21.28%	18.74%	27.53%	35.14%	29.10%	22.46%	30.32%
<b>2006</b>													
Moisture Content (%)	8.42	5.77	10.18	11.02	10.74	9.92	10.71	10.19	11.12	10.73	11.19	8.65	9.87
Standard Deviation	2.98	2.77	3.61	2.06	3.35	4.02	2.28	2.52	3.79	2.41	2.55	3.58	3.37
Std Dev / Avg (%)	35.38%	48.08%	35.48%	18.73%	31.22%	40.50%	21.30%	24.76%	34.07%	22.49%	22.76%	41.38%	34.13%
<b>2007</b>													
Moisture Content (%)	5.89	4.50	11.15	10.06	8.07	10.00	8.25	9.98	10.77	8.01	11.42	8.81	8.93
Standard Deviation	2.48	2.22	3.30	3.54	3.12	3.31	2.86	2.65	2.18	3.57	1.55	4.05	3.54
Std Dev / Avg (%)	42.10%	49.32%	29.61%	35.20%	38.62%	33.07%	34.63%	26.50%	20.25%	44.54%	13.53%	45.98%	39.67%