

2/25/2013

Name:	Whitacre-Greer Fireproofing Company 1400 South Mahoning Ave. Alliance, OH 44601	Plant:	
Phone:	(330) 823-1610	Report Number:	WGFC-0054
Fax:		Sampled Date:	1/17/2013
Sample Description:	Whitacre-Greer Buff Pavers	Completed Date:	2/25/2013
		Technician:	Mark Young

Absorptions

Sample	1-1	1-2	1-3	2-1	2-2	2-3	3-1	3-2	3-3	Average	Std
24-hr Absorption (%)	5.92	5.49	5.34	7.66	7.23	7.14	7.15	6.80	6.91	6.56	0.95
5-hr Absorption (%)	7.12	6.65	6.32	9.14	8.48	8.29	8.32	7.89	7.86	7.76	1.06
Coefficient of Absorption (C/B)	0.83	0.83	0.85	0.84	0.85	0.86	0.86	0.86	0.88	0.84	0.01
Apparent Porosity (%)	13.41	12.54	12.27	16.79	15.98	15.81	15.73	15.16	15.38	14.65	1.85
Bulk Density (g/cm ³)	2.27	2.29	2.30	2.19	2.21	2.21	2.20	2.23	2.22	2.24	0.04

Heat Flow

Set Pt. #	Mean Temp. (°C)	Delta Temp. (°C)	Thermal Conductivity K (W/m ² K)	R-Value (m ² K/W)
1	10.16	8.02	0.625	1.600
2	18.43	8.02	0.654	1.529
3	30.54	8.11	0.692	1.445
Average			0.657	1.525