

Results of Tests on Brick conducted in accordance with ASTM C67-12 Standard Method for Sampling and

Testing Brick and Structural Clay Tile

05/09/2013

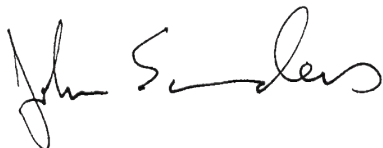
Name:	Whitacre-Greer Fireproofing Company 1400 South Mahoning Avenue Alliance, OH 44601	Plant:	Whitacre-Greer Fireproofing Company
Phone:	(330) 206-2009	Report Number:	WGFC-0074
Fax:		Sampled Date:	04/29/2013
		Lot:	
		Product Code:	

Sample Description: **3x9x3 Boardwalk Shade #52 w/out lugs**

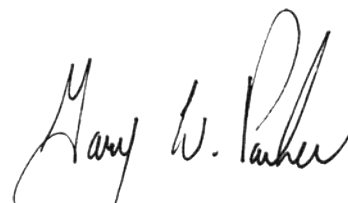
							Test Date
Absorption		1	2	3	4	5	Average
24 Hour Submersion in Cold Water (%)		5.31	4.47	4.70	5.19	5.30	4.99
5 Hour Submersion in Boiling Water (%)		7.04	5.84	6.10	6.75	6.97	6.54
Saturation Coefficient (Ratio of 24H to 5H)		0.75	0.77	0.77	0.77	0.76	0.76
Compressive Strength		1	2	3	4	5	Average
	<i>psi</i>	10,027	9,658	11,430	8,773	9,842	9,946
	<i>MPa</i>	69.1	66.6	78.8	60.5	67.9	68.6
Breaking Load		6	7	8	9	10	Average
	<i>(lb/in.)</i>	1,366	1,268	1,621	1,289	1,360	1,381
Efflorescence		11	12	13	14	15	
		Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	05/06/2013
Abrasion Resistance		1	2	3	4	5	Average
		0.05	0.05	0.04	0.06	0.05	0.05

The brick represented by the test results shown here comply with the standards listed below:

ASTM C 1272 - 11 Standard Specification for Heavy Vehicular Paving Brick
Type: R



John Sanders, Ph.D., PE, Director



Gary W. Parker, Laboratory Supervisor