



TEST REPORT

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Results of Tests on Brick conducted in accordance with ASTM C67-14 Standard Method for Sampling and Testing

Brick and Structural Clay Tile

03/03/2016

Name:	The Bowerston Shale Company P. O. Box 199 Bowerston , OH 44695	Plant:	Hanover	*Temperature: 60 - 90F
Phone:	740-269-2921	Report Number:	6809-14156	*Humidity: 30% - 70%
Fax:	740-269-5456	Received Date:	02/08/2016	
		Sampled Date:	02/08/2016	
		Lot:	H13015	
		Product Code:		

Sample Description: **Red Shale Series Paver**
Series Includes: #103, #105, #113, #115, #505

							Test Date
Absorption		1	2	3	4	5	Average
24 Hour Submersion in Cold Water (%)		4.31	4.82	4.64	4.75	4.60	4.62 02/16/2016
5 Hour Submersion in Boiling Water (%)		7.35	7.83	7.50	7.47	7.44	7.52
Saturation Coefficient (Ratio of 24H to 5H)		0.59	0.62	0.62	0.64	0.62	0.61
Compressive Strength		1	2	3	4	5	Average
	<i>psi</i>	17,923	16,320	14,724	15,744	19,666	16,875 02/16/2016
	<i>MPa</i>	123.6	112.5	101.5	108.5	135.6	116.4
Efflorescence		11	12	13	14	15	
		Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	02/24/2016
IRA (Oven Dried Method)		6	7	8	9	10	Average
	<i>g/min/30 in.²</i>	13.8	13.7	13.1	12.7	14.3	13.5 02/16/2016
Abrasion Resistance		1	2	3	4	5	Average
		0.02	0.03	0.03	0.03	0.02	0.03 02/16/2016

The brick represented by the test results shown here comply with the physical property requirements of the standards listed below:

ASTM C 902 - 14 Standard Specification for Pedestrian and Light Traffic Paving Brick
Class: SX, MX, NX
Type: I, II, III

Michael Walker, Quality Manager

**The temperature and humidity of the Bishop Materials Laboratory is constantly kept between 60 -90F, and 30-70% RH
The results shown above apply only to the samples tested, which are provided by the customer.
This test report shall not be reproduced except in full, without written approval of the laboratory.*