

TEST REPORT

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Results of Tests on brick Conducted in accordance with C67/C67M - 21 Standard Test Methods for Sampling and Testing Brick and Structural Clay Tile

01/20/2022

Name:	The Bowerston Shale Company	Plant:	The Bowerston Shale Company
	P. O. Box 199	Sampled Date:	12/7/2021
	Bowerston, OH 44695	Received Date:	12/7/2021
Phone:	740-269-2921	Fired Date:	12/7/2021
Fax:	740-269-5456	Product Code:	
Report Number:	10524-26106	Lot Number:	21159

Description: **Red Shale Series Modular includes:**# 130-1, #610, #615, #717, #721, #7210, Almond Flash, Antique Red FL, Black, Black Pine, Briarcliffe, Buckskin, Burgundy Blend, BW/50, Canyon, Canyon Blend, Charcoal Gray, Cherokee Blend, Chocolate, Chocolate IS, Chocolate FR, Cocoa, Collegiate Red FL, Colonial Brown, Dark Red, Dark Red IS, Dark Red Flash, Dark Red Flash IS, Eau Claire, Frisco Blend, Harrison Range, Hoosier Blend, Knox Blend, Lt. Chocolate FL, Lt. Chocolate FL IS, Latrobe Blend, Mohican, Monroe Blend, Navajo, New London, Olde Cheyenne, Olde Cheyenne w/green, Olde Harvard, Olde Harvard IS, Olde Windsor, Patent Black, Peach Blossom, Pioneer, Pioneer IS, Pioneer Blend, Pioneer Blend IS, Red FR, Red FR IS, Rosedale Red, Rosedale Maroon, Rose Mist, Royal Red Range, Rustic Red, Santa Fe, Santa Fe IS, Stratford, Terra Cotta Red, Terra Cotta Red IS, University Blend, University Blend IS, Woodsfield Blend

Absorption	1	2	3	4	5	Average	Test Date
24 Hour Cold Water (%)	4.2	3.9	3.9	4.1	4.0	4.0	12/17/2021
5 Hour Boiling Water (%)	5.2	4.9	4.8	5.1	5.0	5.0	
Saturation Coefficient	0.80	0.80	0.81	0.81	0.81	0.81	

Compressive Strength	1	2	3	4	5	Average	Test Date
psi	19,330	16,590	19,160	17,960	18,560	18,320	12/8/2021

IRA (Oven Dried Method)	6	7	8	9	10	Average	Test Date
g/min/30 in. ²	9.2	9.7	8.8	8.9	9.5	9.2	1/13/2022

Efflorescence	11	12	13	14	15	Test Date
Efflorescence Detection	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	1/14/2022

Void Area	1	2	3	4	5	Average	Test Date
Void Area (%)	23	23	23	23	23	23	1/6/2022

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

C 216 - 21 Standard Specification for Facing Brick (Solid Masonry Units Made From Clay or Shale)
Grade: SW, MW


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.
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