



American Test Lab of South Florida  
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## TEST REPORT FOR ROOF TILE PHYSICAL PROPERTIES

Client: VHR Roof Tile Mfg.  
 1665 Bohm Drive  
 Little Chute, Wisconsin 54140  
 Att. Bruce Rouleau

Report Date: 6/21/18  
 ATLSF Report #: RT0618.01-18

<b>Test Authorized by:</b>	Bruce Rouleau
<b>Sampled by:</b>	Client
<b>Date of Delivery:</b>	6/18/18
<b>ATLSF Item #:</b>	112441
<b>Test Method(s):</b>	Standard Requirements for Concrete Roof Tiles, TAS 112-95
<b>Manufacturer:</b>	VHR Roof Tile Mfg.
<b>Model:</b>	Slate, Flat Profile, Concrete Roof Tile
<b>Quantity Received:</b>	13 tile
<b>Nominal Dimensions (in.), (l x w), as provided by supplier:</b>	15.375 x 10.625
<b>Nominal Weight (lbf.), as provided by supplier:</b>	8.5
<b>Nominal Thickness (in.), as provided by supplier :</b>	Not Provided
<b>Imprint</b>	VHR – on the underside, at the nose end of the tile
<b>Classification:</b>	Type 3a- Flat Profile, Interlocking, Class III
<b>ATLSF Certifications:</b>	Miami-Dade: 13-0228.09      A2LA: 2650.01 testing

Physical Property	Tile #1	Tile #2	Tile #3	Tile #4	Tile #5	Average	Requirements
Length (in.)	15.0	15.0	15.0	15.0	15.0	15.0	14.6 – 16.1
Width (in.)	10.5	10.5	10.5	10.5	10.5	10.5	10.1 – 11.2
Height (in.)	1.0	1.0	1.0	1.1	1.0	1.0	N/P
Thickness (in.)	1.0	1.1	1.1	1.1	1.0	1.1	N/P
Dry Weight (lbf.)	8.6	8.5	8.9	8.8	8.8	8.7	7.7 – 9.4
Unit Weight (lb/ft <sup>3</sup> )	130.6	130.6	130.7	130.6	130.5	130.6	W ≥ 126
Absorption (lb/ft <sup>3</sup> ) 24 hr. soak	5.9	6.4	5.1	5.4	5.4	5.6	≤ 13
Permeability	Pass	Pass	Pass	N/R	N/R	Pass	Pass
Transverse Breaking Strength (lbf.) (dry)	585	615	629	576	555	592	≥ 162 indiv. ≥ 188 average 5

N/P: Technical Data Not Provided    N/R: Test Not Required

**Statement of Compliance:** The tile tested meet the requirements of TAS 112-95, Section 7.1, for the classification identified on page 1, with the exception of the Freeze Thaw test which per Section 7.3, "shall not required for purposes of Florida Building Code, Building requirements."

The measurement standards used in the testing of the above product(s) are traceable to the National Institute of Standards and Technology and/or to the standard for which the calibration is required to meet.

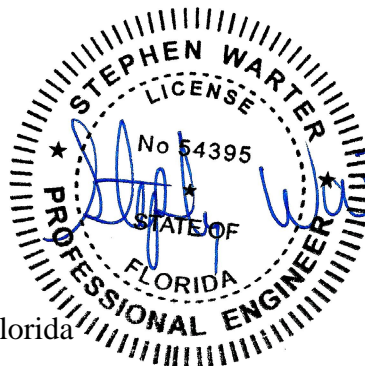
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 End of Report.

Prepared by:



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 American Test Lab of South Florida

Reviewed by:




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 Reg. State of Florida # 54395  
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