

## Quarterly Report

February 8, 2013

**Manufacturer:** Imexinsa, Nicaragua.

Zion Tile Corporation.  
 12002 S.W. 128<sup>th</sup> Court, Suite 103  
 Miami, FL 33186

**Product:** FL # 16057  
 Alhambra Handmade Clay Tile  
 Made in Nicaragua

**Referenced Quarter**


<input type="checkbox"/>	1 <sup>st</sup> Quarter (Oct-Dec)
<input checked="" type="checkbox"/>	2 <sup>nd</sup> Quarter (Jan-Mar)
<input type="checkbox"/>	3 <sup>rd</sup> Quarter (Apr-Jun)
<input type="checkbox"/>	4 <sup>th</sup> Quarter (Jul-Sep)
Test Date(s): 02/08/13 - 02/08/13	
Technician: Angel Alvarez	

Specimen #		1	2	3	4	5	Average	Specified
Length (in.)		17.29	17.34	17.30	17.50	17.16	17.32	+/- 5% of 17.5"
Width (in.)	Head End	7.499	7.647	7.572	7.665	7.494	7.58	+/- 5% of 7.5"
	Butt End	8.271	8.31	8.31	8.293	8.314	8.30	+/- 5% of 8.5"
Thickness (in.)		0.92	0.89	0.93	0.91	0.91	0.91	+/- 5% of .9"
Dry Wt. (lb.)		7.60	7.56	8.02	7.52	7.30	7.60	+/- 10% of 7.5 lbs
Transverse Strength (lbs.)		500	493	445	388	377	441	>400-Average of 5
Tested Dry - after 24 hr at 160°F								>350-Individual
Water Absorption (lb/ft)		13.00	13.50	14.15			13.55	<18-Average of 3
Permeability (pass or fail)		Pass	Pass	Pass			Pass	water droplets

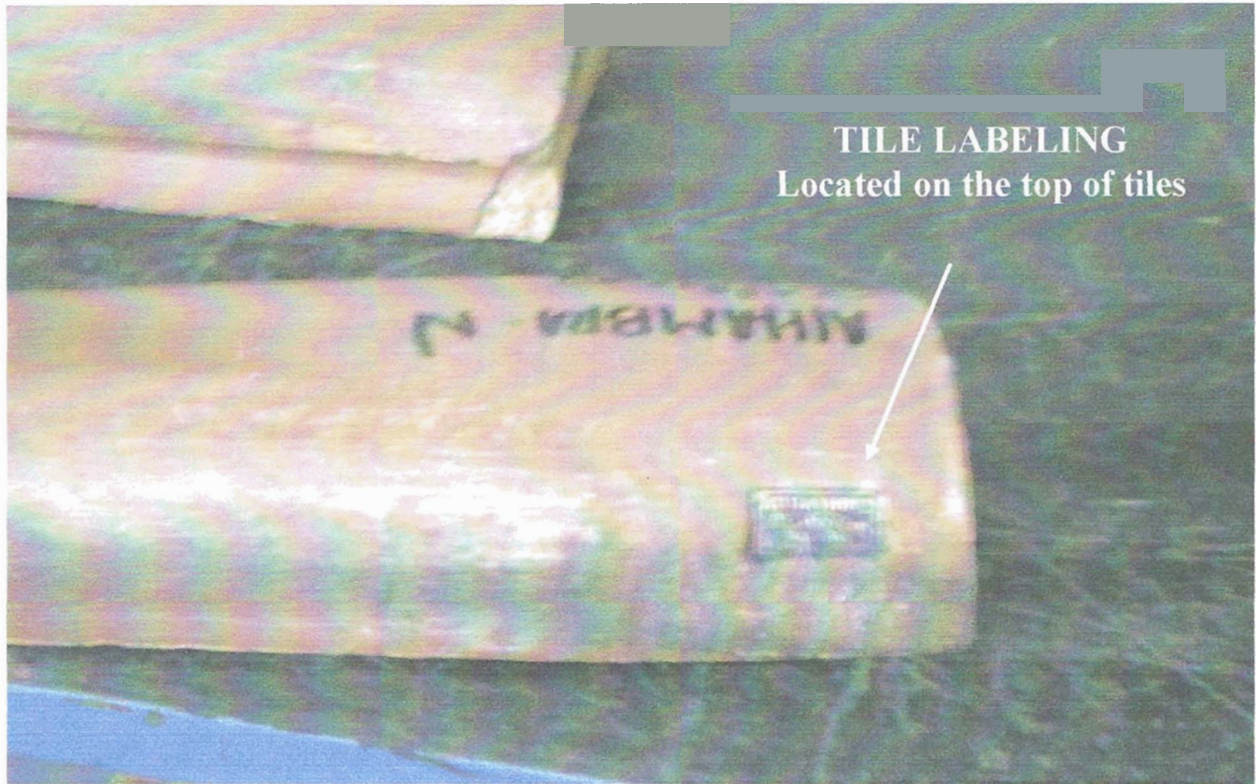
Test Results: The tiles submitted meet the Florida Building Code (TAS-112-95) & A.S.T.M. C 67 physical tests for : dimensional, transverse breaking strength, water absorption and permeability.

To the best of my knowledge, belief and professional opinion, the above data represent the actual conditions as reported herein.

Sincerely,

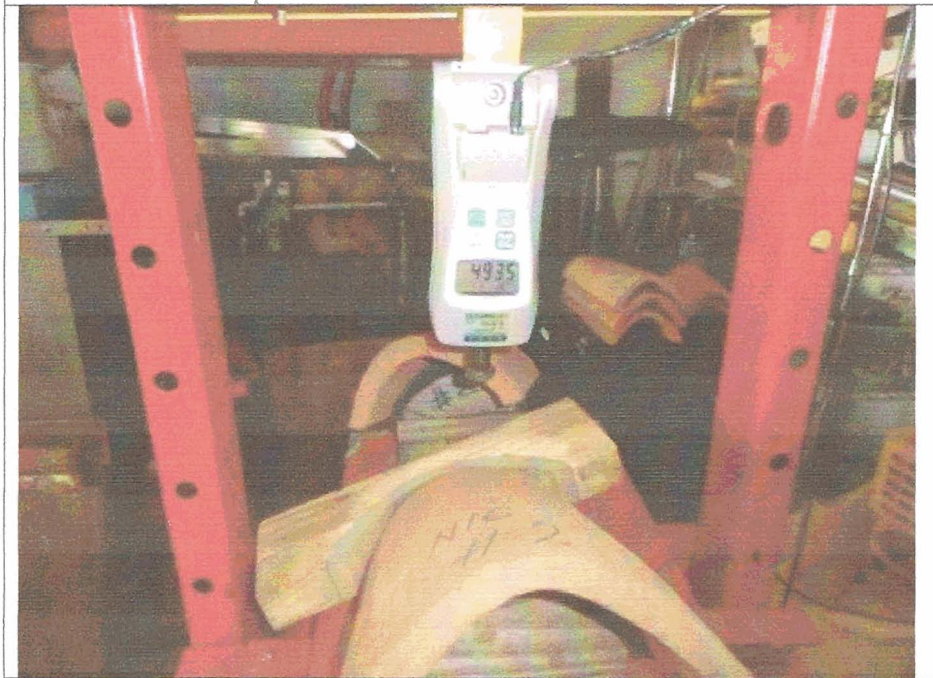
  
 Alberto Cardona  
 P.E. Lic. # 17138

Pictures





Specimen #1 Ultimate Load: 500 lbs.



Specimen #2 Ultimate Load: 493.5 lbs.



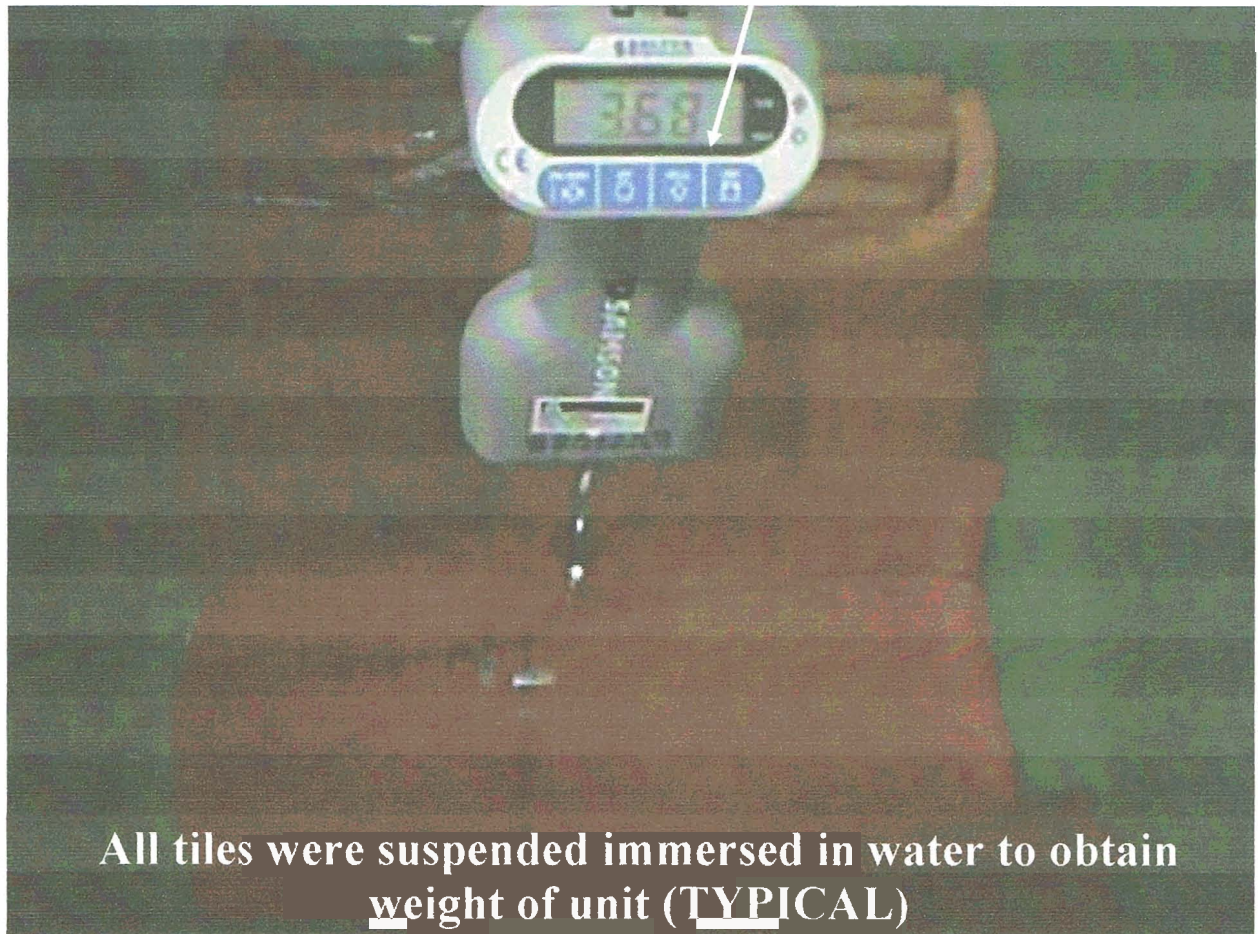
Specimen #3 Ultimate Load: 445.6 lbs.



Specimen #4 Ultimate Load: 388.6 lbs.



Specimen #5 Ultimate Load: 377.4 lbs.



All tiles were suspended immersed in water to obtain weight of unit (TYPICAL)