



Farabaugh Engineering and Testing Inc.

CLIENT: Ludowici Roof Tile, Inc.
4757 Tile Plant Road
New Lexington, Ohio 43764
Attn: Mr. Aaron Farley

Report Date: 12/29/17
Project No. T296-17
Dade County Notification No. FET17013
Dade County Laboratory Certification No. 07-0928.09

REFERENCE: 1st Quarter Testing (2018)

TEST METHODS: Florida Building Code TAS 110-2000, (A.S.T.M. C1167)

NOA#: 12-0913.09

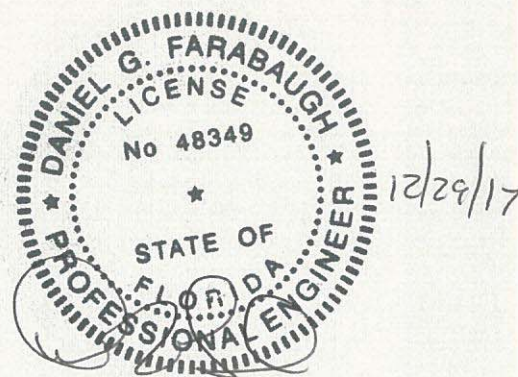
TILE MANUFACTURER: S.T.B.L. Guiraud Freres

TILE DESCRIPTION: Clay, Lanquedocienne, Barrel Roof Tile

TILE IMPRINT: Castelnaudary

TILE CLASSIFICATION: A.S.T.M. C1167-Type I, Grade 1

DATE DELIVERED: 11/23/17



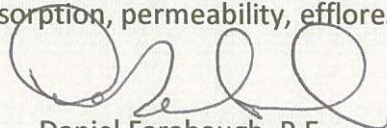
Specimen #	1	2	3	4	5	Average	Specified
Length (in.)	19.76	19.60	19.66	19.67	19.73	19.68	18.60-20.60
Width (in.)	8.39	8.37	8.39	8.40	8.37	8.38	7.90-8.70
Thickness (in.)	0.55	0.56	0.55	0.55	0.57	0.56	N/P
Dry Wt.(lb.)	6.050	6.038	6.078	6.098	6.222	6.097	N/P
Transverse Strength (lbs.) Tested Dry	410	450	405	405	410	416	≥ 400 Lbs -Average of 5 ≥ 350 Lbs -Individual
Absorption (%)	5.49	4.00	3.59	3.18	3.05	3.86	≤ 6 % - Average of 5 ≤ 8 % - Individual
Permeability (pass or fail)	Pass	Pass	Pass	~~~~	~~~~	Pass	Pass
Efflorescence	None	None	None	None	None	None	None
Reactive Particulates	None	None	None	None	None	None	None

N/P = Information Not Provided

RESULTS: The tile submitted **Meets** the Florida Building Code TAS 110-2000/ A.S.T.M. C1167

Physical tests for: dimensions, transverse breaking strength, absorption, permeability, efflorescence, and Reactive particulates for the classifications listed above.

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