



**BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908**

NOTICE OF ACCEPTANCE (NOA)

**S.T.B.L. Guiraud Freres
401 Redland Road
Homestead, FL 33030**

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by the BCCO and accepted by the Building Code and Product Review Committee to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The BCCO (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BCCO reserves the right to revoke this acceptance, if it is determined by BCCO that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the South Florida Building Code, 1994 Edition for Miami-Dade County or Florida Building Code.

DESCRIPTION: “Lanquedocienne” Clay Roof Tile

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of pages 1 through 6.
The submitted documentation was reviewed by Frank Zuloaga, RRC.



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Expiration Date: 12/20/06
Approval Date: 12/20/01
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ROOFING SYSTEM APPROVAL

Category: Roofing
Sub-Category: Roofing Tile
Material: Clay

1.SCOPE:

This roofing system using S.T.B.L Guiraud Freres “Lanquedocienne” Clay Roof Tile, as manufactured by S.T.B.L Guiraud Freres described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code, 1994 Edition for Miami-Dade County. For the locations where the pressure requirements, do not exceed the design pressure values obtain by calculations in compliance with RAS 127 using the values listed in section 4 herein. The attachment calculations shall be done as a moment based system.

2.PRODUCT DESCRIPTION

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
“Lanquedocienne” Tile	Length: 19.4” Width: 8.4 “ Thickness: ½”	ASTM C 1167	High profile, two piece, barrel, clay roof tile.
Trim Pieces	Length: varies Width: varies varying thickness	ASTM C 1167	Accessory trim, concrete roof pieces for use at hips, rakes, ridges and valley terminations. Manufactured for each tile profile.

2.1 Components or Products Manufactured Others

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>	<u>Manufacturer</u>
#30 Felt	N/A	ASTM D 226 type II	Saturated organic felt to be used as a nailed anchor sheet.	Generic (with current NOA)
#43 Coated Base Sheet	N/A	ASTM D 2626	Saturated and coated organic base sheet for single or double ply underlayment.	Generic (with current NOA)
#43 Coated Base Sheet	N/A	ASTM D 2626	Saturated and coated organic base sheet for single or double ply underlayment.	Generic (with current NOA)
Mineral Surface Cap Sheet	N/A	ASTM D 249	Mineral surfaced asphalt roll roofing for use as a top ply in a double ply underlayment system.	Generic (with current NOA)
Rainproof II	30" x 75' roll 36" x 75' roll or 60" x 75' roll	PA 104	Single ply, nail-on underlayment with 2" self-adhering top edge.	Protect-O-Wrap, Inc. (with current NOA)
Ice and Water Shield	36" x 75' roll	PA 103	Self-adhering underlayment for use as a top ply in a two ply underlayment system with Approved #30 or #43 as the base layer.	W.R. Grace Co. (with current NOA)



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<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>	<u>Manufacturer</u>
Wood Battens	<u>vertical</u> min. 1" x 4" <u>horizontal</u> min. 1" x 4" for use with vertical battens or min. 1" x 2" for use alone	Wood Preservers Institute LP-2	Salt pressure treated or decay resistant lumber battens	Generic (with current NOA)
Tile Nails	min. 8d x 2½" or min. 10d x 3"	PA 114 Appendix E	Corrosion resistant, screw or smooth shank nails.	Generic (with current NOA)
Tile Screws	#8 x 2½" long 0.335" head dia. 0.131" shank dia. 0.175" screw thread dia.	PA 114 Appendix E	Corrosion resistant, coated, square drive, galvanized, coarse thread wood screws	Generic (with current NOA)
Roof Tile Mortar ("TileTite™")	N/A	PA 123	Prepared mortar mix designed for mortar set roof tile applications.	Bermuda Roof Company, Inc. (with current NOA)
Roof Tile Mortar ("Quikrete®")	N/A	PA 123	Prepared mortar mix designed for mortar set roof tile applications.	Quikrete Construction Products (with current NOA)
Roof Tile Mortar #1140")	N/A	PA 123	Prepared mortar mix designed for mortar set roof tile applications.	W.R. Bonsal Co. (with current NOA)
Roof Tile Mortar ("BONSAL®")	N/A	PA 123	Prepared mortar mix designed for mortar set roof tile applications.	W.R. Bonsal Co. (with current NOA)
Roof Tile Mortar Mix")	N/A	PA 123	Prepared mortar mix designed for mortar set roof tile applications.	W.R. Bonsal Co. (with current NOA)
Roof Tile Adhesive (Polypro® AH160)	N/A	PA 110	Adhesive designed for use in roof tile applications.	Polyfoam Products, Inc. (with current NOA)
Hurricane Clip & Fasteners	<u>Clips</u> min. ½" width min. 0.060" thick <u>Clip Fasteners</u> min. 8d x 1¼"	PA 114 Appendix E	Corrosion resistant bronze, aluminum, stainless steel, galvanized steel or plastic attachment clips for supplemental tile attachment. Clips are installed with corrosion resistant roofing nails compatible with the clip. A hurricane clip is required on all nail-on eave tiles.	Generic (with current NOA)



3. LIMITATIONS

- 3.1 Fire classification is not part of this acceptance
- 3.2 For mortar or adhesive set tile applications, a static field uplift test shall be performed in accordance with RAS 106.
- 3.3 Applicant shall retain the services of a Miami-Dade County Certified Laboratory to perform quarterly tests in accordance with PA 112, appendix 'A'. such testing shall be submitted to the Building Code Compliance Office for review.
- 3.4 Minimum underlayment shall be in compliance with the applicable Roofing Application Standards listed section 4.1 herein.
- 3.5 30/90 hot mopped underlayment applications may be installed perpendicular to the roof slope unless stated otherwise by the underlayment material manufacturers published literature.
- 3.6 This acceptance is for wood deck applications. Minimum deck requirements shall be in compliance with applicable building code.

4. INSTALLATION:

- 4.1 "Languedocienne" Clay Roof Tile and its components shall be installed in strict compliance with Roofing Application Standard RAS 118, RAS 119 and RAS 120.
- 4.2 Data for attachment calculations

<u>Tile Profile</u>	λ (ft ³) <u>Direct Deck Application</u>
"Languedocienne"	0.25

Tile Profile	2":12"	3":12"	4":12"	5":12"	6":12"
	Direct Deck	DirectDeck	Direct Deck	Direct Deck	Direct Deck
"Languedocienne"	8.80	8.52	8.33	8.11	7.86

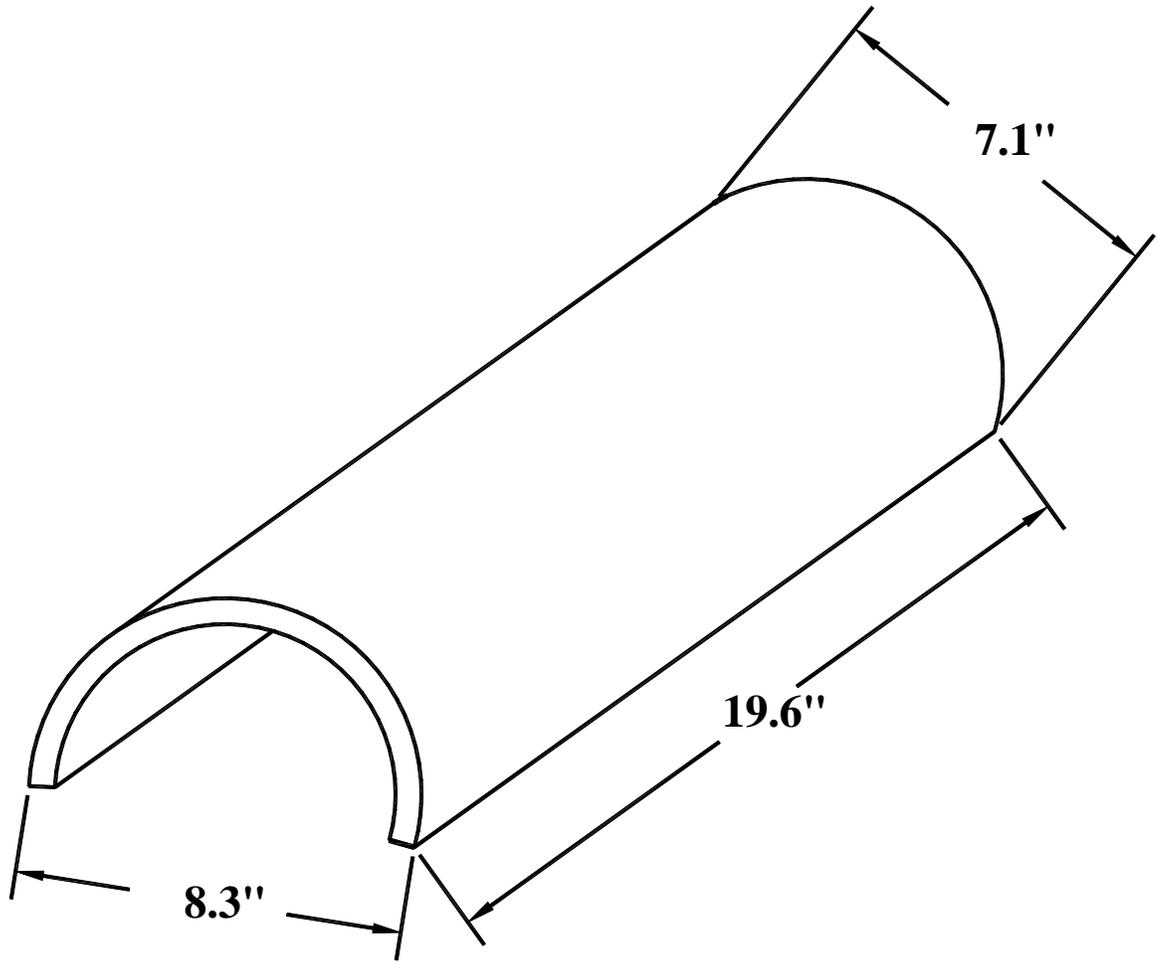
Tile Profile	Tile Application	Attachment Resistance
"Languedocienne"	Mortar Set	106.40
	Adhesive Set ¹	152.52

1. Each pan tile was set in approximately 0.08 lb. of adhesive and each cap tile (tested tile) was set in approximately 0.04 lb. of adhesive on each inside longitudinal edge

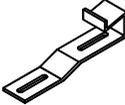
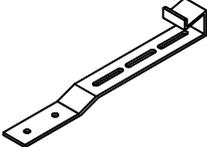
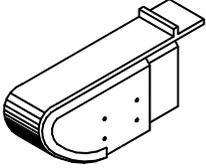
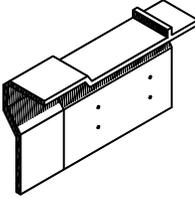
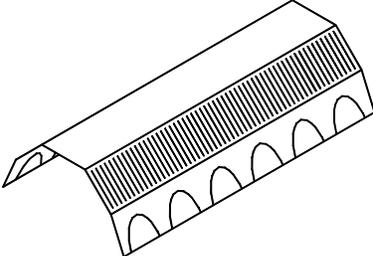
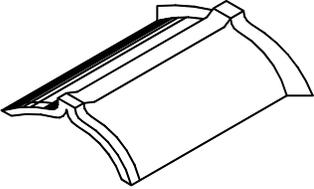
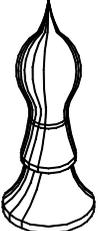
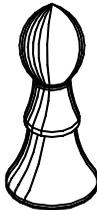
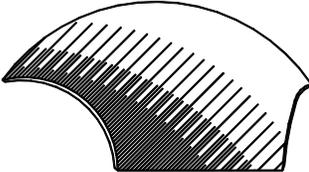
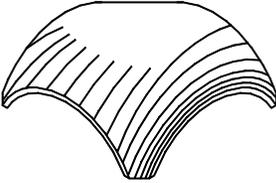
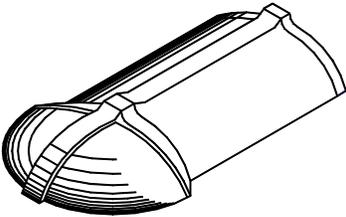
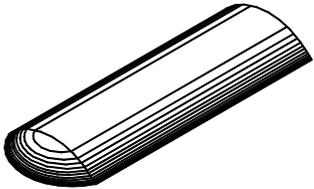


PROFILE DRAWINGS

“LANGUEDOCIENNE”



DETAIL "B" - ACCESSORIES

 <p style="text-align: center;">51 - CLIP UNIVERSEL POUR FAITIER A GLISSEMENT</p>	 <p style="text-align: center;">50 - CLIP POUR FAITIER EMBOITEMENT 50</p>	 <p style="text-align: center;">26CM - ABOUT DE RIVE GAUCHE</p>
 <p style="text-align: center;">16CM - RIVE TRADITIONNELLE A GAUCHE</p>	 <p style="text-align: center;">20 - CLOSOIR METALLIQUE</p>	 <p style="text-align: center;">32CM - FAITIERE ARETIER ANGULAIRE</p>
 <p style="text-align: center;">49 - EPI</p>	 <p style="text-align: center;">48 - PIGNE</p>	 <p style="text-align: center;">46 - RENCONTRE 3 DEPARTS</p>
 <p style="text-align: center;">47 - RENCONTRE 4 DEPARTS</p>	 <p style="text-align: center;">44CM - ABOUT D'ARETIER ANGULAIRE</p>	 <p style="text-align: center;">45M - ABOUT TIGE DE BOTTE POUR 1CL</p>

END OF THIS ACCEPTANCE



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