



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208

Miami, Florida 33175-2474

T (786) 315-2590 F (786) 315-2599

[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

## NOTICE OF ACCEPTANCE (NOA)

**Sahtas A.S.**

**Sahtas A.S. Pamukyazi, M2h. 4**

**Torbali – Izmir 35882, Turkey**

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section 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 Miami-Dade County Product Control Section (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. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section 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 Florida Building Code including the High Velocity Hurricane Zone of the Florida Building Code.

### DESCRIPTION: Sahtas English Shingle

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**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 5.

The submitted documentation was reviewed by Alex Tigera.



NOA No.: 12-1204.07  
Expiration Date: 04/25/18  
Approval Date: 04/25/13  
Page 1 of 5

## ROOFING SYSTEM APPROVAL

**Category:** Roofing  
**Sub-Category:** Roofing Tiles  
**Material:** Clay

### 1. SCOPE

This approves a roofing system using the **Sahtas English Shingle** tile as manufactured by **Sahtas, A.S. in Izmir, Turkey** and distributed by **Masterpiece Building Products** and described in Section 2 of this Notice of Acceptance. For locations where the pressure requirements, as determined by applicable Building Code does not exceed the design pressure values obtained 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>Manufactured by Applicant</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
Sahtas English Shingle – English Large	l = 15" w = 7" 0.61" thick nominal	ASTM C 1167	Flat profile, clay roof tile. For mechanical attachment applications.

#### 2.1 MANUFACTURING LOCATION

2.1.1 Izmir, Turkey

#### 2.2 SUBMITTED EVIDENCE:

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Name/Report</u>	<u>Date</u>
Farabaugh Engineering and Testing	T277-12B	ASTM C 1167	08/28/12
	T277-12	ASTM C 1167	08/24/12
	T282-12	TAS 108	08/28/12
	T296-12	TAS 108	09/10/12
	T292-12	TAS 108	08/28/12
	T318-12	TAS 100	09/28/12
	T162-13	TAS 102	04/04/13



NOA No.: 12-1204.07  
Expiration Date: 04/25/18  
Approval Date: 04/25/13  
Page 2 of 5

### 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 may be required in accordance with TAS 106, see applicable building code for requirements.
- 3.3 Applicant shall retain the services of a Miami-Dade County Certified Laboratory to perform quarterly test in accordance with TAS 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 Applications 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.
- 3.7 All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 9N-3 of the Florida Administrative Code.

### 4. INSTALLATION

- 4.1 Sahtas English Shingle – English Large tiles and its components shall be installed in strict compliance with Roofing Application Standard RAS 118 and RAS 119.
- 4.2 Data For Attachment Calculations

<b>Table 1: Average Weight (W) and Dimensions (l x w)</b>			
<b>Tile Profile</b>	<b>Weight-W (lbf)</b>	<b>Length-l (ft)</b>	<b>Width-w (ft)</b>
Sahtas English Shingle – English Large	4.63	1.24	0.56

<b>Table 2: Aerodynamic Multipliers - <math>\lambda</math> (ft<sup>3</sup>)</b>	
<b>Tile Profile</b>	<b><math>\lambda</math> (ft<sup>3</sup>) Direct Deck Application</b>
Sahtas English Shingle – English Large	0.194

<b>Table 3: Restoring Moments due to Gravity - <math>M_g</math> (ft-lbf)</b>						
<b>Tile Profile</b>	<b>2":12"</b>	<b>3":12"</b>	<b>4":12"</b>	<b>5":12"</b>	<b>6":12"</b>	<b>7":12" or greater</b>
	Direct Deck					
Sahtas English Shingle – English Large	3.625	3.606	3.565	3.507	3.435	3.353



Table 4: Attachment Resistance Expressed as a Moment - $M_f$ (ft-lbf) for Nail-On Systems				
Tile Profile	Fastener Type	Direct Deck (min 15/32" plywood)	Direct Deck (min. 19/32" plywood)	Battens
Sahtas English Shingle – English Large	2 - Copper Nails (2-1/2" long x 0.135" diameter)	13.23	13.23	N/A

## 5. LABELING

All tiles shall bear the imprint or identifiable marking of the manufacturer's name or logo as seen below, or following statement: "Miami-Dade County Product Control Approved".



IDENTIFICATION MARK FOR SAHTAS ENGLISH SHINGLE – ENGLISH LARGE  
(LOCATED UNDERNEATH TILE)

## 6. BUILDING PERMIT REQUIREMENTS

6.1 Application for building permit shall be accompanied by copies of the following:

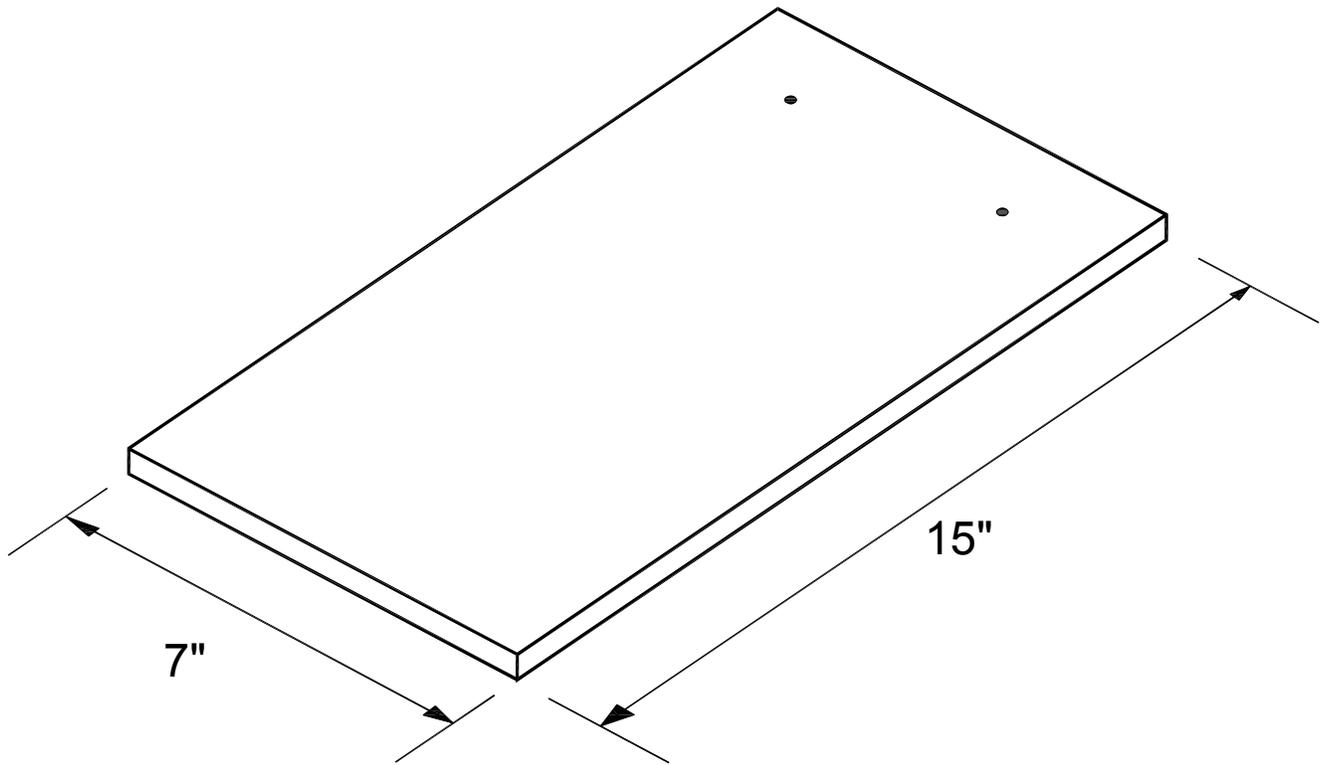
6.1.1 This Notice of Acceptance.

6.1.2 Any other documents required by the Building Official or applicable building code in order to properly evaluate the installation of this system.



NOA No.: 12-1204.07  
Expiration Date: 04/25/18  
Approval Date: 04/25/13  
Page 4 of 5

**PROFILE DRAWINGS**



**SAHTAS ENGLISH SHINGLE – ENGLISH LARGE**

**END OF THIS ACCEPTANCE**

