

BUILDING PRODUCT LISTING PROGRAM

Customer: Boral Roofing
Class: Clay Roof Tiles
Location: 7575 Irvine Center Drive, Suite 100
Irvine, CA 92618
Website: www.boralamerica.com

Listing No. B1044-1
Report No. B1044-1, Edition 5

Effective Date: March 29, 2012
Last Revised
Date: September 30, 2019
Expires: <N/A>

Standards: ASTM C 1167 – Standard Specification for Clay Roof Tiles.

ASTM E 108 – Standard Specification for Fire Tests of Roof Coverings.

CAN/ULC S107 – Standard Methods of Fire Tests of Roof Coverings.

FM 4473 – Test Standard for Impact Resistance Testing of Rigid Roofing
Materials by Impacting with Freezer Ice Balls.

Product: Clay Roof Tiles

Markings: Products are palletized and marked with a label that includes the following information.

- a) ES Report Number (when applicable)
- b) Boral Roofing Name or Logo
- c) Product Profile
- d) Plant Location and Address
- e) SAP Number
- f) Color Description
- g) Quantity of tiles per pallet
- h) Production Date
- i) QAI file Number: B1044-1
- j) The wording "Grade 1"(when applicable)
- k) FM 4473 Class 3 (when applicable)
- l) ASTM E108/CAN ULC S107 Class A
- m) QAI logo shown here:



Models / Ratings:

	Claylite Tile¹	Claymax Tile¹
Length, inches	18 (-0.125 / +0.25)	18 (-0.125 / +0.25)
Width, inches	13 ± 0.125	12.625 (-0.125 / +0.25)
Height, inches	2.25 ± 0.125	1 ± 0.125
Mass, grams	3002	2993
	One Piece "S"¹	Romano Pan¹
Length, inches	18 (-0.125 / +0.25)	18 (-0.125 / +0.25)
Width, inches	13 ± 0.25	11 ± 0.25
Height, inches	2.375 ± 0.125	1.73 ± 0.125
Mass, grams	3855	2948
	2-Piece Mission Tile¹	2-Piece Mission Monarch²
Length, inches	18 (-0.125 / +0.25)	18 (-0.125 / +0.25)
Nose Width, inches	8.5 ± 0.25	6.75 ± 0.25
Head Width, inches	7 (-0.25 / +0.125)	5.25 (-0.25 / +0.125)
Nose Height, inches	2.50 ± 0.25	2.87 ± 0.25
Head Height, inches	1.750 ± 0.25	2.13 ± 0.25
Mass, grams	2721	2041

Notes:

1. Grade 1 Tiles are designed to provide resistance to severe frost action. This grading is necessary for installations across Canada and sections of severe weathering across the United States in accordance with Fig A1.1, ASTM C1167.
2. Does not meet ASTM C1167 Grade 1.

Class A Roofing Assembly: Unlimited Slope
-In accordance with ASTM E108 and CAN/ULC S107

Sheathing	Underlayment	Roof Covering
Minimum 15/32-inch AC Exterior Plywood	Minimum one layer Type II (No. 30) asphalt-saturated felt complying with ASTM D226/CSA A123.3, Type 2.	Claylite Tile Claymax Tile One Piece "S" Romano Pan 2-Piece Mission 2-Piece Mission Monarch

Class 3 Impact Resistant Assembly
-In accordance with FM 4473

Sheathing	Underlayment	Roof Covering
Minimum 15/32-inch AC Exterior Plywood	Unrestricted	One-Piece "S"

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