

BUILDING PRODUCT LISTING PROGRAM

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

Listing No. B1044-2
Report No. B1044-2, Edition 5

Effective Date: March 29, 2012
Last Revised Date: December 13 2019
Expires: <N/A>

Standards: CSA A220 – Concrete Roof Tiles

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

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

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

Product: Concrete Roof Tiles

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

- a) Manufacturer's name (US Tile, MonierLifetile, Boral Roofing)
- b) Tile Profile
- c) SAP Number
- d) QAI file Number: B1044-2
- e) The wording "CSA A220"(when applicable)
- f) FM 4473 Class "rating" (when applicable)
- g) ASTM E108 / CAN/ULC S107 Class A
- h) QAI logo shown here*:



OR



*Products recognized in the CSA A220 table below are labeled with the cQAlus mark. All other profiles and locations will have the QAlus mark.



Models /
Ratings:

Product Name	Saxony 900/Saxony -Slate, Shake, Country Slate, Old English Thatch, Hartford Slate	Saxony 800	Saxony 700 – Slate, Shake, Split Shake
Length, in	17 ± 0.25	17 ± 0.25	17 ± 0.25
Width, in	13 (-0.25/ +0.125)	13 ± 0.25	13 ± 0.25
Height, in	1.156 ±0.125 Slate 1.281 ± 0.125 Shake	1.141 ±0.125 Slate 1.188 ±0.125 Shake	1.063 ±0.053 Slate 1.125 ±0.056 Shake
Mass, lbs	10.9 lbs ± 0.54 lbs	9.3 lbs ± 0.50 lbs	8.6 lbs ± 0.43 lbs
Product Name	Saxony 600-Slate, Shake, Split Shake	Saxony Impact	Villa 900/Villa
Length, in	17 ± 0.25	17 ± 0.25	17 ± 0.25
Width, in	13 ± 0.25	13 ± 0.25	13 ± 0.125
Height, in	1.000 ±0.050 Slate 1.125 ±0.056 Shake	1.4375 ±0.0469	2.125 ± 0.094
Mass, lbs	7.39 lbs ± 0.37 lbs	11.8 lbs ± 0.55 lbs	9.7 lbs ± 0.1 lbs
Product Name	Villa 600	Villa Impact	Barcelona/España 900
Length, in	17 ± 0.25	17 ± 0.25	17 ± 0.25
Width, in	13 ± 0.125	13 ± 0.125	13 ± 0.125
Height, in	2.125 ± 0.094	2.313 ± 0.094	2.125 ± 0.094
Mass, lbs	6.9 ± 0.25 lbs	11.07 lbs ± 0.55 lbs	9.7 lbs ± 0.1 lbs
Product Name	Barcelona/ España 600	Barcelona Impact	Tejas España /Barcelona
Length, in	17 ± 0.25	16 ± 0.25	16.5 ± 0.25
Width, in	12.375 ± 0.125	13 ± 0.125	13 ± 0.125
Height, in	3.625 ± 0.125	3.625 ± 0.125	3.625 ± 0.125
Mass, lbs	6.7 ± 0.25 lbs	11.54 lbs ± 0.58 lbs	10.4 lbs ± 0.52 lbs
Product Name	Mission S/Barcelona	Spanish “S” Nuevo	Bermuda
Length, in	16.5 ± 0.25	17 ± 0.25	16.125 ± 0.25
Width, in	13 ± 0.125	9.75 ± 0.125	10.125 ± 0.125
Height, in	3.5 ± 0.125	2.844 ± 0.125	1.1875 ± 0.125 Slate 1.25 ± 0.125 Broomed
Mass, lbs	10.2 ± 0.125 lbs	8.5 ± 0.43 lbs	9.44 ± 0.55 lbs
Product Name	Estate “S”	Galena Spanish “S”	Plantation
Length, in	16.5 ± 0.25	17 ± 0.25	16.5 ± 0.25
Width, in	13 ± 0.125	10 ± 0.125	13 ± 0.125
Height, in	2.375 ± 0.106	2.6875 ± 0.125	1.1563 ± 0.125 Slate



			1.2188 ± 0.125 Shake
Mass, lbs	9.71 ± 0.50 lbs	8.30 ± 0.50 lbs	11.33 ± 0.57 lbs
Product Name	Cedarlite 600	Madera 900	Madera 700
Length, in	13.5 ± 0.25	13.5 ± 0.25	13.5 ± 0.25
Width, in	13 ± 0.125	13 ± 0.125	13 ± 0.125
Height, in	0.875 ± 0.044	0.875 ± 0.044	0.875 ± 0.125
Mass, lbs	4.95 ± 0.25 lbs	7.9 ± 0.40 lbs	6.1 ± 0.31 lbs
Product Name	Rake	Ridge	Villa 800
Length, in	16.875 ± 0.125	16.875 ± 0.125	17 ± 0.25
Width, in	8.25 ± 0.125	10.5 ± 0.125	13 ± 0.25
Height, in	4.125 ± 0.125	2.875 ± 0.125	2 ± 0.125
Mass, lbs	8.45 lbs ± 0.25 lbs	7.65 lbs ± 0.25 lbs	9 lbs ± 0.45 lbs
Product Name	Capri		
Length, in	16.875 ± 0.109		
Width, in	Nose side 9.875 ± 0.031 Head side 9.125 ± 0.031		
Height, in	Head Height 3.25 ± 0.125 Nose Height 4.063 ± 0.125		
Mass, lbs	7.20 lbs ± 0.36 lbs		

Notes:

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.	Saxony/Saxony 900 Saxony 800 Saxony 700 Saxony 600 Saxony Impact Villa Villa/Villa 900 Villa 800 Villa 600 Villa Impact Barcelona/Espana 900 Barcelona/Espana 600 Barcelona Impact

		Tejas España/Barcelona Mission S/Barcelona Spanish "S" Nuevo Bermuda Estate "S" Galena Spanish "S" Plantation Cedarlite 600 Madera 900 Madera 700 Capri
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CSA A220 approved profiles

Manufacturing Location	Profile
Stockton (French Camp), CA	Saxony 900/Saxony-Slate, Shake, Country Slate, Old English Thatch, Hartford Slate
	Villa 900
Lathrop, CA	Barcelona 900
	Saxony 900/Saxony-Slate, Shake, Country Slate, Old English Thatch, Hartford Slate
	Ridge
	Rake
	Capri

**Impact Resistant Assemblies
 -In accordance with FM 4473**

Sheathing	Underlayment	Roof Covering	Class
Minimum 15/32-inch AC Exterior Plywood	Unrestricted	Saxony/Saxony 900	Class 4
		Saxony Impact	
		Barcelona Impact	
		Mission S/Barcelona	Class 3
		Saxony	
		Villa/Villa 900	
		Tejas España /Barcelona	
		Madera 900	

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