

# Concrete Tiles

## TECHNICAL DATA SHEET



## Macquarie

NSW, ACT, QLD & VIC

Modern concrete tiles are made from sand and cement with a pigmented colour coat. This can replicate the appearance of a broad array of distinctive tile designs, while remaining relatively cost-effective.

### Acoustic Performance

The density of tiles helps reduce external sound such as aircraft and road noise and, particularly, rain and hail.

### Thermal Performance

Roof tiles can help you enjoy more comfortable living in summer and winter. The thermal mass of concrete materials when used correctly can result in advantageous insulation properties, in addition to considerations such as sarking and overall solar design.

### Widest range of colours and profiles

With up to 6 profiles and 13 colours to choose from, there's a tile that's just right for your home!

### Economical

Our concrete tiles are priced to suit most budgets.

### 20 Year Warranty\*

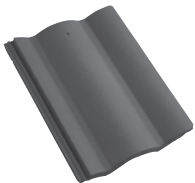
Concrete tiles are suitable for all environments, including marine and bushfire prone areas.

### Specification Notes

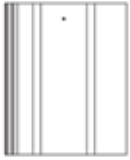
Roofing material shall be Boral Concrete Macquarie (*Please specify a colour*) \_\_\_\_\_

Sarking shall be Boral Sarking Extra Heavy Duty

## Product Specification



Macquarie



Plain View



Cross Section

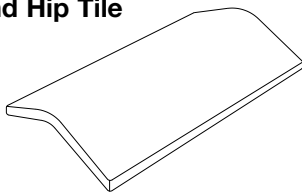
### Macquarie - NSW, ACT, QLD and VIC

<b>Coverage</b>	No of tiles per sq m	9.20 (mean)
<b>Dimensions (Nominal)</b>	Actual length	432mm
	Actual width	343mm
	Exposed length	355mm (mean)
	Exposed width	308mm
<b>Mass (Nominal)</b>	Mass per tile	4.65kg
	Mass per sq m	42.8kg
<b>Minimum Roof Pitch</b>	15° with sarking and 20° without sarking	
<b>Set Out (Nominal)</b>	Batten spacing	355mm
<b>First Course</b>	Batten spacing	315mm (using a 38mm wide batten)
<b>Head Lap</b>	Minimum head lap shall be 75mm. This may increase according to set out. However, head lap should not exceed 120mm.	
<b>Recommended Bond</b>	Straight Bond / Cross Bond	
<b>Availability</b>	NSW, ACT, QLD and VIC	



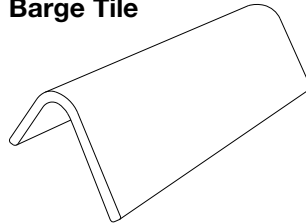
## Accessories

### Ridge and Hip Tile



Standard Ridge (130°)  
Dimensions: 430L x 250W x 85D  
Cover length: 400

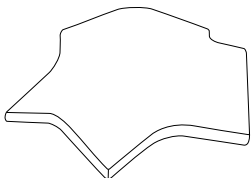
### Barge Tile



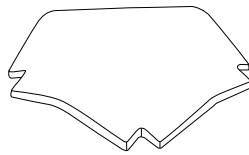
Barge Capping (76°)  
Gable end cover tile  
Dimensions: 430L x 220W x 140D  
Cover length: 1 length per tile

Additional Resources;  
Boral Roofing Technical Design Manual [boral.com.au/rooftiles](http://boral.com.au/rooftiles)  
BIM Drawings [boral.com.au/designlab](http://boral.com.au/designlab)

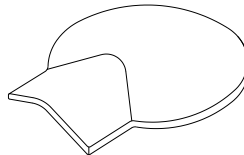
### Apex Tiles



Three Way Apex (130°)  
Dimensions: 430L x 440W x 85D



Four Way Apex (130°)  
Dimensions: 370W x 140D



Spoon Apex  
For closing multiple hip junctions  
Dimensions: 515L x 435W x 110D

For more information about Boral's Roofing products call **1300 134 002** or visit [boral.com.au/rooftiles](http://boral.com.au/rooftiles)

Important Information: Product information contained in this leaflet is correct at the time of printing however is subject to change without notice. \*20 year limited warranty that the Concrete Roof Tiles are manufactured in accordance with Australian Standards Association AS 2049. The warranty will not apply if the roof tiles (a) have not been installed in accordance with AS 2050 (b) have been affected by colour change, shade variation or glaze weathering; or (c) have been damaged by roof traffic or chemical treatments, coating or cleaners or by falling items, pollution, storm or hurricane. Proof of purchase and other information required by Boral must be provided. See [www.boral.com.au/roofing-masonry-terms-quotation-supply](http://www.boral.com.au/roofing-masonry-terms-quotation-supply) for full terms and conditions. Some photos featured in this brochure are artist's impressions of how Boral roof tiles will look on a roof. Some images are computer generated. Please ensure you view a tile display before making a final decision. Colours shown are indicative only and should not be used for final selection. Colours are subject to change without notice. Check print date prior to product selection. Roof tile colours may vary in shades throughout the manufacturing process therefore it is important that roof tiles are blended consistently across the roof. At Boral Roofing, all tiles are manufactured to the requirements of Australian Standard 2049 Roof tiles. Please ask for a copy of the Boral Roofing guarantee before making your purchase. During transportation and installation small blemishes such as scuffing and chip marks may occur. These are not considered a production fault and will not detract from the performance of the roof tile.  
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