

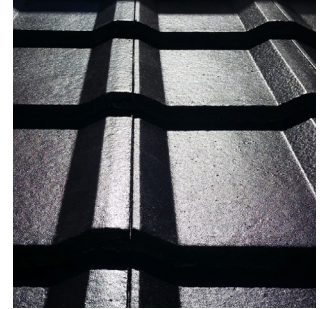
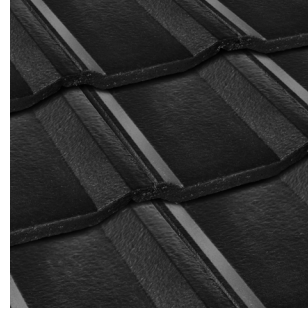
MONIER PERSPECTIVE CONCRETE TILES

PRODUCT TECHNICAL STATEMENT

01. Introduction

Monier Perspective Concrete Roof Tiles feature a sleek, flatter profile, finished with a clean nose delivering streamlined roof lines.

Further technical resources are provided at monier.co.nz/Technical-Resources/Professionals.



02. Building Code Compliance

When installed according to the manufacturer's instructions, Monier Concrete Roof Tiles will meet the following provision of the New Zealand Building Code:

- » Clause B2 Durability
- » Clause E2 External Moisture

03. Scope of Use and Limitations

Specific Design requirements for Perspective Tiles:

- » Minimum roof pitch 20°
- » Underlay is required on all installations
- » Maximum rafter length varies with roof pitch as follows:

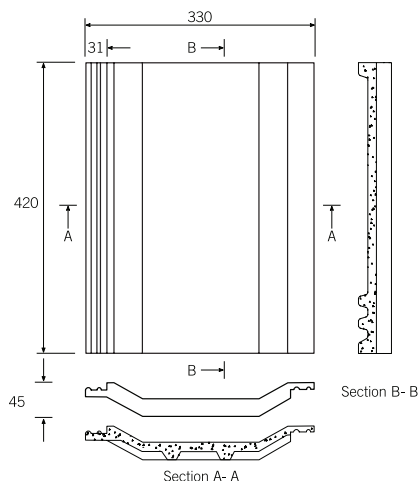
Roof Pitch	Max. Rafter Length (m)
20°	4.5
21°	5.0
22°	5.5
23°	6.0
24°	6.5
25°	7.0

Length (L)	420mm
Horizontal Width (W)	330mm
Batten Spacing*	Up to 330mm
Minimum Head Lap	90mm
Coverage	10.1 pcs/m ²
Weight/piece	4.50kg (+0.0, -0.30)
Weight/m ²	45.4kg/m ² (+0.0, -3kg/m ²)
Minimum Pitch	20°

Please refer to the Technical Manual available at monier.co.nz/Technical-Resources/Professionals for further information regarding:

- » Wind and Terrain Categories
- » Rafter and truss spacings and batten requirements
- » Batten installing requirements

04. Product Details



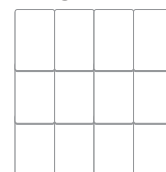
Approximate Coverage
10.1 tiles per m²

Dimensions (Nominal)
Length 420mm
Width 330mm

Mass (Weight)
Per tile: 4.5kg
Per m²: 45.4kg (100mm lap)

Head Lap
Minimum head lap is 90mm.
This may increase according to set out, however head lap should not exceed 110mm.

Recommended Bond
Straight Bond Only



05. Consenting Instructions

When consenting, it should be verified that the designer has assessed:

- » Fixing and underlay requirements with regard to wind and Terrain categories
- » Batten sizes relative to rafter spacings
- » Maximum rafter length for the roof pitch

Detailed guidance is provided in the Technical Manual available at monier.co.nz/Technical-Resources/Professionals.

06. Standards

Tiles are manufactured to comply with AS 2049 / NZS 4206.

07. Installation

Monier Roofing provides an in-house supply and install roof tile service in the Auckland, Hamilton & Tauranga regions and a nationwide service by way of a highly experienced and qualified reseller network to ensure your tiles are installed professionally and to the appropriate standard.

Further information is provided in the Installation Manual available at monier.co.nz/Technical-Resources/Professionals.

08. Maintenance

Monier Perspective Roof Tiles are structurally guaranteed to perform their function for 50 years and are a low maintenance roof cladding option.

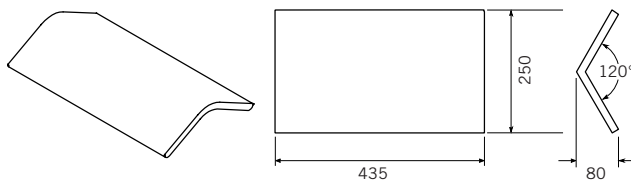
Caution should be exercised by any persons needing to access the roof once it is installed.

Details regarding access and recommended maintenance are provided at monier.co.nz/Roofing-Information/Protecting-and-maintaining-your-roof.



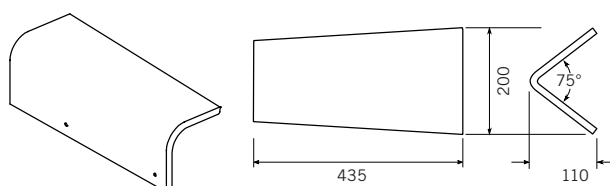
09. Accessories

Ridge Tile



Length (mm)	Width (mm)	Height (mm)	Angle (°)	Weight (kg)
435	250	80	120	3.4

Tapered Barge Tile



Length (mm)	Width (mm)	Height (mm)	Angle (°)	Weight (kg)
435	200	110	75	4.3