

Monier™

SAINT-GOBAIN

PRODUCT TECHNICAL STATEMENT

TERRACOTTA URBAN SHINGLE

01. INTRODUCTION

Urban Shingle is the epitome of contemporary styling, delivering a flat & seamless roof tile. With a unique rolled nose, this tile is ideally suited to the Hamptons and Mid-Century Modern home-designs.

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

02. BUILDING CODE COMPLIANCE

Monier Urban Shingle Terracotta Roof Tiles conform to the NZBC (New Zealand Building Code) requirements and when installed according to Monier's instructions and NZBC, meet the following provisions:

- NZBC Clause B2 Durability
- NZBC Clause E2 External Moisture

03. SCOPE OF USE AND LIMITATIONS

Specific design requirements for Urban Shingle:

- Minimum roof pitch 25°
- Roof underlay is required in all installations
- Maximum rafter length varies with roof pitch as follows:

Roof Pitch	Max. Rafter Length (m)	Roof Pitch	Max. Rafter Length (m)	Roof Pitch	Max. Rafter Length (m)
25°	4.5	31°	7.5	37°	10.5
26°	5.0	32°	8.0	38°	11.0
27°	5.5	33°	8.5	39°	11.5
28°	6.0	34°	9.0	40°	12.0
29°	6.5	35°	9.5		
30°	7.0	36°	10.0		

Please refer to the Design Guide available at monier.co.nz/Technical for further information regarding:

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



04. CONSENTING INSTRUCTIONS

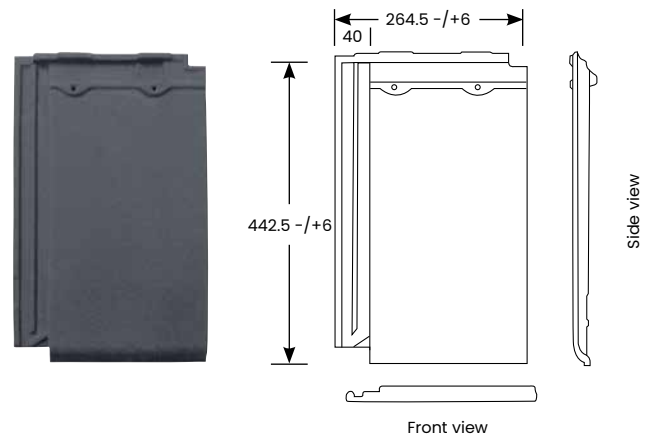
When consenting, it should be verified that the designer has assessed:

- 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 Design Guide available at monier.co.nz/Technical.

05. STANDARDS

Tiles are manufactured to AS 2049.

06. PRODUCT DETAILS



Tile coverage (+/- 2%)

Approx. 12.7 tiles/sqm

Dimensions (+/- 2%)

Length: 442.5 +/- 6mm
Width: 264.5 +/- 6mm

Weight (+/- 2%)

Per tile: 3.42kg
Per sqm: 43.43kg

Head lap adjustment (mm)

Up to 12

Recommended bonding

Cross bond

Roof pitch

Minimum with underlay 25°
Urban Shingle tiles must use underlay

Please refer to the Monier Construction Requirements at monier.co.nz for installation requirements applicable to your project

Find out more on monier.co.nz
or call us on 0800 999 277

CSR

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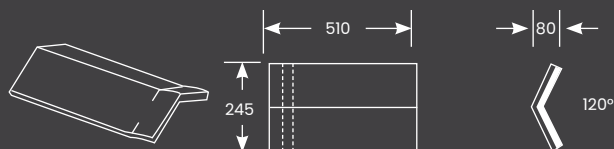
TERRACOTTA ACCESSORIES

BARGE



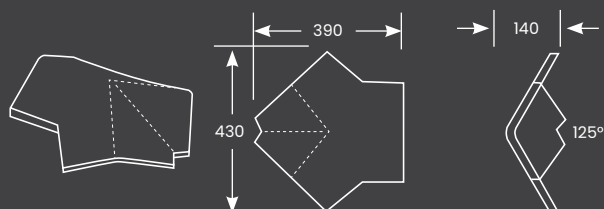
Length (mm)	Width (mm)	Height (mm)	Angle (Degree)	Weight (kg)
490	210	100	90	4.6

RIDGE



Length (mm)	Width (mm)	Height (mm)	Angle (Degree)	Weight (kg)
510	245	80	120	4.6

3-WAY APEX (STANDARD RIDGE)



Length (mm)	Width (mm)	Height (mm)	Angle (Degree)	Weight (kg)
390	430	140	125	4.8



07. INSTALLATION

Refer to Monier's website, "Find a Supplier" list of experienced and qualified Roofing Specialists to ensure your tiles are installed professionally and to the appropriate standard.

Further information is provided in the Installation Guide available at monier.co.nz/Technical.

08. WARRANTY

Monier Urban Shingle Terracotta Roof Tiles are structurally guaranteed to perform their function and retain their colour for 30 years and are a low maintenance roof cladding option.

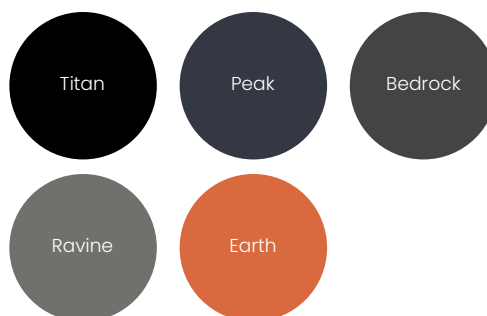


09. MAINTENANCE

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/roof-cleaning-and-maintenance.

10. URBAN SHINGLE COLOUR RANGE



Tile colour may vary from printed brochure.

Find out more on monier.co.nz or call us on 0800 999 277

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