

Double Roman "Plus"

***The classic double roman tile
in the Victorian tradition***



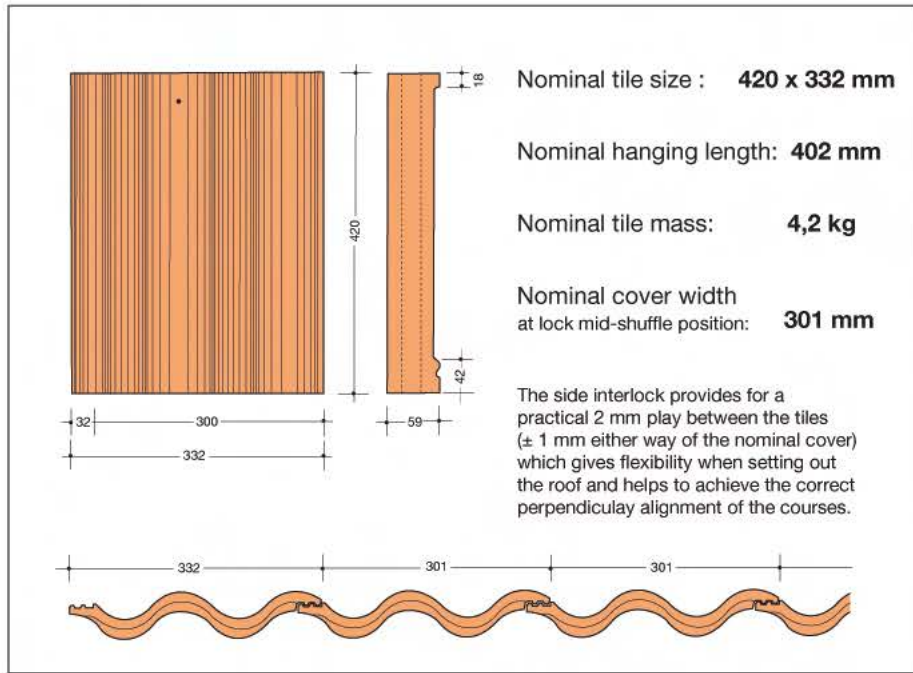
Tile range, Fittings & Accessories

Inland

Western Cape

Description & Technical data 4 pages





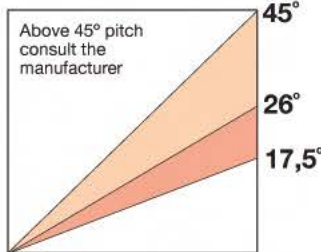
Minimum roof pitch	with 100 mm headlap	17,5°
	with 75 mm headlap	26°
Rafter/Trusses	As per structural requirements	
Rafter centres (maximum)	760 mm with 38 x 38 mm batten 900 mm with 38 x 50 mm batten fixed flat 1 000 mm with 38 x 50 mm batten on edge <small>Note: Above 760 mm the rafter spacing can be increased only with engineer-designed trusses and with 38 x 50 mm batten of the correct grade. All structural timber must comply with SANS 563, 653 and 1245.</small>	
Undertile membrane	Marley high-quality Undertile Membrane is recommended in all cases. Modern practice has demonstrated that the underlay is a fundamental part of a tiled roof at pitches below 26° and for pitches above 45°, and at all pitches in exposed and coastal areas.	

Tiling data at pitches of 17,5° to 25°

Minimum tile headlap	100 mm
Maximum batten centres	320 mm
Batten per m ² (net length)	3,13 m
Tiles per m ² (net)	10,42
Mass of tiles per m ² ±	43,76 kg

Tiling data at pitches of 26° and above

Minimum tile headlap	75 mm
Maximum batten centres	345 mm
Batten per m ² (net length)	2,9 m
Tiles per m ² (net)	9,66
Mass of tiles per m ² ±	40,57 kg



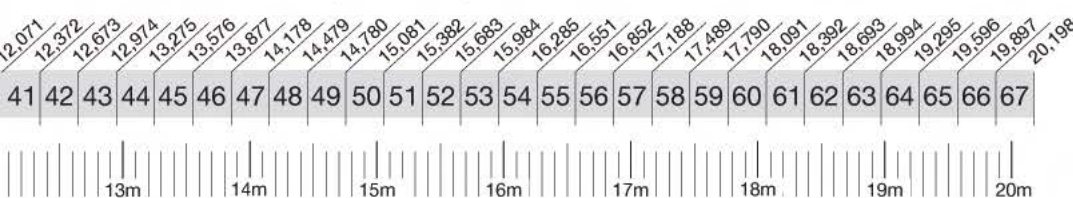
1. The minimum pitch and minimum headlap must not be reduced under any circumstance. It is always better to raise the safety factor of the roof by adding a full course of tiles and increasing the tile headlap evenly on the rafter length.
2. In exposed areas the tile headlap may be increased, but greater lap is not as effective as a steeper pitch.

Distance from top edge of first batten to outside edge of fascia board	335 to 340 mm
Distance from top edge of top batten to rafter apex	20 to 25 mm

Estimating See Eaves and Rafter tables

All tiling and fixing to comply with SANS 1062 : 1991 Code of Practice and with Marley standard fixing specifications.

Cutting and drilling of tiles: See Health and Safety



Number of tiles on the rafter length at minimum headlap

Roof pitches of:

17,5° to 25° 100 mm headlap		26° and more 75 mm headlap	
Rafter length		Rafter length	
1	0,360	1	0,360
2	0,680	2	0,705
3	1,000	3	1,050
4	1,320	4	1,395
5	1,640	5	1,740
6	1,960	6	2,085
7	2,280	7	2,430
8	2,600	8	2,775
9	2,920	9	3,120
10	3,240	10	3,465
11	3,560	11	3,810
12	3,880	12	4,155
13	4,200	13	4,500
14	4,520	14	4,845
15	4,840	15	5,190
16	5,160	16	5,535
17	5,480	17	5,880
18	5,800	18	6,225
19	6,120	19	6,570
20	6,440	20	6,915
21	6,760	21	7,260
22	7,080	22	7,605
23	7,400	23	7,950
24	7,720	24	8,295
25	8,040	25	8,640
26	8,360	26	8,985
27	8,680	27	9,330
28	9,000	28	9,675
29	9,320	29	10,020
30	9,640	30	10,365
31	9,960	31	10,710
32	10,280	32	11,055
33	10,600	33	11,400
34	10,920	34	11,745
35	11,240	35	12,090
36	11,560		
37	11,880		
38	12,200		

↑ **Rafter Table**

The Rafter Table indicates the number of courses to be allowed on the rafter length to ensure that the minimum tile headlap of 100 mm or 75 mm is obtained according to the roof pitch.

← **Eaves Table**

The Eaves Table shows the average linear coverage for Double Roman "Plus" tiles along the eaves length. Calculations are given at lock mid-shuffle position, subject to standard manufacturing tolerances.

All figures are net. Wastage must be added.

Double Roman "Plus"



Marley Double Roman "Plus" concrete tiles have been specified extensively with great success on the 'Olivenhoutbos' ministerial housing project in Gauteng.

Aesthetically pleasing, they create high performance roofs which add visible benefits, comfort and status to the community.

More than 3000 housing units have now been completed on this development. A sensible choice in quality and cost effectiveness.



DOUBLE ROMAN "PLUS" INLAND – FITTINGS and ACCESSORIES

Overlapping fittings



Taper ridge tile 2,7 per m



Ventilated ridge tile



Rake verge tile 3,2 per m



Taper hip starter



Monoridge tile 2,7 per m



Marley
Universal
Ridge Tile
System



Marley
Universal
Rake
Verge Tile
System

Undertile membrane



2 ply 400 micron polypropylene laminate
Agrément Certificate 2008/341
Colour: White traditional
Net coverage per roll 45 m²
Printed 150 mm headlap dotted line

Tile nails



Double Roman "Plus" tile minimum length 75 mm

Serrated nails

for rake verge tiles 75 mm



'SOLO-FIX' stormclips

Quality corrosion-resistant
integrated stormclips
manufactured from ZIAL[®]

Double Roman tile: Code **75-48 R**

Packaging: 500 clips per box

**It is important to use
the correct clip for the tile
profile.**



Mortar pigment in all colours per kg

**All tile accessories, undertile membrane,
tiling nails, stormclips, pigment etc.
are available ex-factory.**

Next... Western Cape Range

DOUBLE ROMAN "PLUS" WESTERN CAPE FITTINGS and ACCESSORIES

Overlapping fittings



Taper ridge tile 2,5 per m



Ventilated ridge tile



Rake verge tile 3,2 per m



Taper hip starter



Monoridge tile 2,7 per m



Undertile membrane



2 ply 400 micron polypropylene laminate
Agrément Certificate 2008/341
Colour: White traditional
Net coverage per roll 45 m²
Printed 150 mm headlap dotted line

Serrated nails



Double Roman "Plus" tile minimum length 75 mm

Rake verge tiles 75 mm

Use only serrated nails in the Western cape coastal region

'SOLO-FIX' stormclips

Quality corrosion-resistant
integrated stormclips
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