

CI/Sfb	(47)	Nf2

April 1997



MODERN



PRODUCT DATA

Marley Modern™ single-lap concrete roof tiles are of a flat interlocking design. The clean and precise slate-like appearance is enhanced by the required broken-bond laying technique.



BS EN 490

AUTHORITY

Marley Modern roof tiles comply with the requirements of BS EN 490 : 1994 'Concrete roofing tiles and fittings. Product specifications'. Marley Building Materials operates a Quality System to BS EN ISO 9002 : 1994, independently assessed by the BSI. Kitemark licences are also held for all manufacturing plants.

COMPOSITION

Composed of Portland cement, aggregate, pigment and water and manufactured by a high pressure extrusion and compaction process on modern automated machinery.

FITTINGS AND ACCESSORIES

Ridges	Bedded	Modern Ridge 90° Angle Ridge 125° Angle Ridge/Hip Modern Mono-Ridge Crested Ridges and Finials
	Dry	Dry Ridge System Dry Mono-Ridge System
Hips	Bedded	Modern Ridge 125° Angle Ridge/Hip 145° Angle Ridge
	Dry	Modern Dry Hip
Verges	Bedded	Standard Tile and Half Tile
	Dry	Interlocking Dry Verge Unit
Eaves		Standard Tile
Valleys	Bedded	Concrete Trough Valley GRP Valley
	Dry	GRP Dry Valley

Ventilation

Ventilated Dry Ridge System
Ventilated Dry Mono-Ridge System
10mm and 25mm Eaves Systems
10mm Open Eaves Vent Duct Tray
Top Abutment Ventilation System
Ridge Vent Terminal
Soil Pipe Ridge Vent Terminal
Tile Vent Terminal
Contour Tile Vent Terminal
Marvent Roof Ventilation Tile
Marterm Roof Terminal
Gas Vent Ridge Terminal



COLOURS

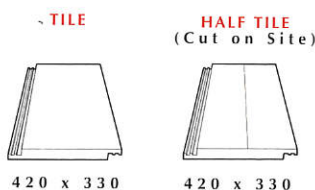
Modern roof tiles are available in a range of smooth faced colours.

Smooth: Mosborough Red, Smooth Grey, Smooth Red, Rustic Grey†, Smooth Brown, Old English Dark Red.

Premium: Anthracite

Please refer to 'Roof Tile Colour Guide' for colour reference.

† Made-to-order.



TECHNICAL DATA

Minimum pitch (1)	22.5° Smooth - 75mm headlap 17.5° Smooth - 100mm headlap 90°
Maximum pitch	75mm
Minimum headlap	345mm
Maximum gauge	420mm x 330mm
Size of tile (overall)	292mm
Cover width (nominal)	397mm
Hanging length (nominal)	9.9 tiles/m² - 75mm headlap 10.7 tiles/m² - 100mm headlap
Covering capacity (net)	5.2 tonnes
Weight per 1000 (approx)	51 kg/m² (0.50kN/m²) - 75mm headlap 56 kg/m² (0.55kN/m²) - 100mm headlap
Weight of tiling (approx)	2.9 lin.m/m² - 75mm headlap 3.1 lin.m/m² - 100mm headlap
Battens required (net)	38mm x 25mm - for rafters not exceeding 450mm centres 50mm x 25mm - for rafters not exceeding 600mm centres
Batten size recommended	50mm x 3.35mm
(fixed with wire, cut or improved nails to BS 5534 : Part 1)	Eaves, Verge and Tile clips
Tile nails	60mm x 3.35mm
Fixing clips	25mm x 3.35mm
Nails for tile clips	
Nails for eaves and verge clips	

(1) The effectiveness of roof tiles to operate at the minimum recommended pitch and lap may be influenced by special circumstances. Where roof slopes exceed 6 metres in length and the site is of severe exposure, guidance on roof pitch and lap should be obtained from the Technical Advisory Service.