

Gemini® Traditional Sandfaced Tiles



Gemini® Traditional Sandfaced tiles – for a subtle weathered finish

Ideal for use in rural or established areas where blending with traditional roof scapes is a must, the Gemini® Traditional Sandfaced roof tile is available in two colour blends.

- Traditional sandfaced appearance
- Riven texture
- Thin uneven leading edge
- Only 17.53 to 19.0 tiles per m² (60 for plain tiles)
- Hidden tile fixings
- Full range of Dry Fix systems available
- Kitemarked to BS EN 490:2002
- 60 year Product Integrity Guarantee
- Less weight per m² than plain tiles
- 40% CO₂ saving in manufacture compared to concrete plain tiles

Available in 2 colours



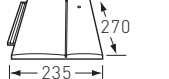

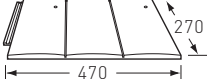
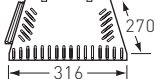


Ember Blend



Mercia Blend

Gemini® tile dimensions and specifications

					
	Gemini® tile	RH three quarter tile	LH three quarter tile	Universal tile and half	Lo-vent tile*
Overall Length:	270mm	270mm	270mm	270mm	270mm
Hanging Length (L ₁):	243mm	243mm	243mm	243mm	243mm
Cover Width (Cw):	316mm	235mm	235mm	470mm	316mm
Mass (approx):	2.8kg	2.2kg	2.1kg	4.3kg	0.6kg
Free Vent Area:	–	–	–	–	7855mm ²

Note: Bonded double tiles may be required for hip and valley details. These tiles are available on request. * Registered design no. 2096657

Designation:
T – EN490 – IL – 0 – RF – 316 – / – / – 243 – 2,8

Gemini® standard fixing specification

The exposure and location of the site will determine the overall Fixing Specification. Site specific fixing specifications are available on request from the Technical Department.

- All tiles are nailed
- Nail size 45mm x 3.35mm - Smooth or Ring shank aluminium nail depending on the exposure of the site
- Batten size: 38 x 25mm for rafter spans up to 450mm, 50 x 25mm for rafter spans up to 600mm
- It is a minimum requirement that the second course up from the eaves should also be secured with a Gemini® Tile Clip as shown in Fig 1. Additional clipping may be required depending on the site exposure

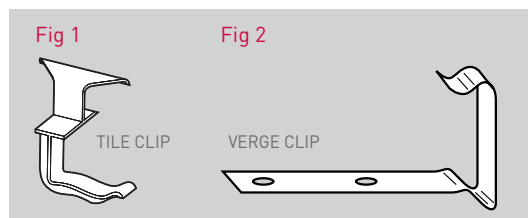
- All verge tiles should be fixed with a Gemini® Verge Clip as shown in Fig 2 unless using Gemini® individual Dry Fixed Verge Units
- Small cut sections of unsupported tiles should be replaced with cut Tile and Halves
- Forticrete recommends the use of positive ventilation in roof spaces in accordance with BS 5250:2002
- All perimeters of the roof should be clipped

Forticrete recommends the use of dry vented ridge in conjunction with eaves ventilation to control the level of condensation above and below the underlay.

Guarantee

The integrity of the tile carries a 60 year product Integrity Guarantee from date of supply, subject to the company's normal terms. Forticrete Roofing Products policy is one of continuous improvement and the Company reserves the right to change specifications and designs at any time without notice.

Roof tiles and slates may become scuffed during transportation or installation. This does not affect the performance of the products and the appearance will improve with weathering in due course.



Pitch	Headlap	Batten spacing	Batten required	Tiles required	Mass (approx)
30° - 70°	80mm min 95mm max	190mm max 175mm min	5.26 lin m/m ² 5.71 lin m/m ²	17.53/m ² 19.0m ²	50kg/m ² 53kg/m ²

Note: All leadwork should be in accordance with information supplied by the Lead Sheet Association with BS EN 12588:2006

Working procedures, safety & general precautions

Tiles should be fixed in accordance with BS 5534:2003. Forticrete recommend that fixers of all slates and tiles regard the products as fragile as stated in BS8000:Pt6:1990 Section 5. During installation of the products, the correct setting out and working procedures should be employed to avoid walking directly on to products which have been fixed or are on any completed area of a roof. Should it be necessary to gain access via the roof where battens of adequate strength cannot be used as footholds, this should not be attempted without the use of adequate protection to the tiles or slates including the required number of crawling boards, ladders and cat ladders.

Please note that where there is a change of pitch, packing may be required between crawling boards, cat ladders and the surface of the tiles or slates to avoid damage to the product. Fixers should note that Forticrete do not recommend the practice of cutting tiles or slates in-situ. Other information can be obtained from the Health and Safety in Roof Work publication HSG33 and in the 'Working on Roofs' publication INDG284.

Reference should also be made to the Forticrete Technical Literature and Fixing Instructions.

Order your **Gemini®** from:

Approved stockist

Gemini® Roofing Systems & Technical enquiries:

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E-mail: roofing@forticrete.com

Information on the complete range of Forticrete products can be found on the Internet at www.forticrete.co.uk

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Redefining traditional products™



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