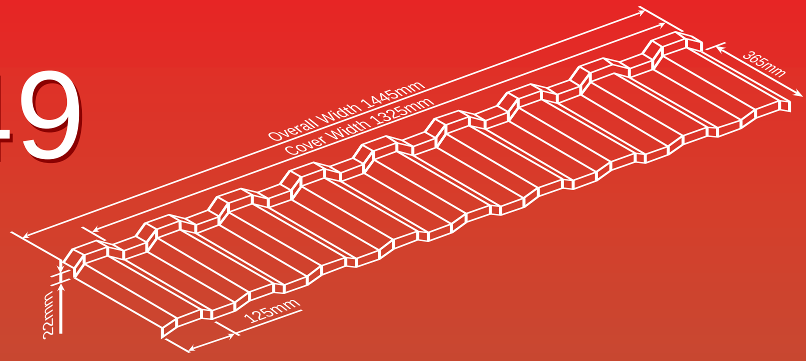
PROFILE 49



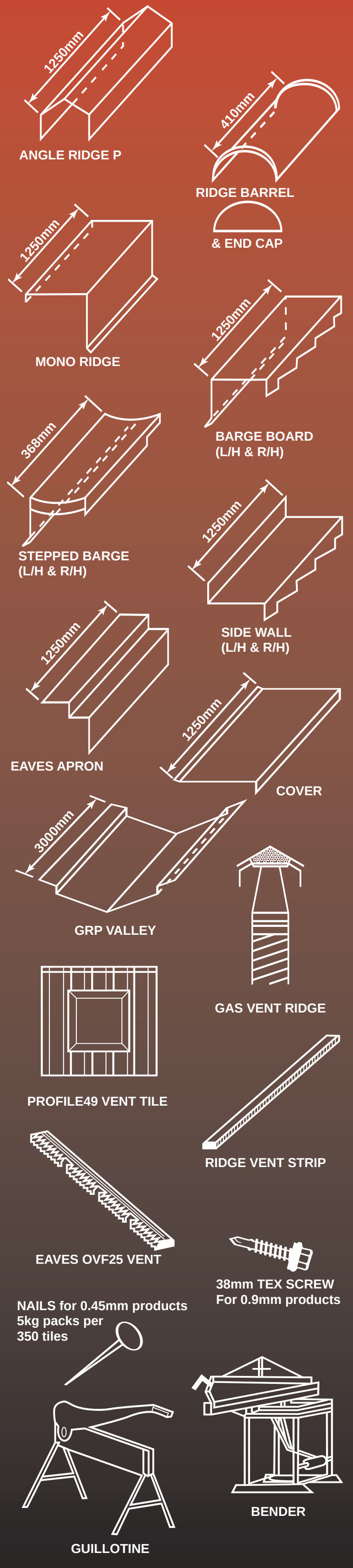
¥ Converting flat roofs to pitched.
¥ Non traditional/traditional housing.
¥ Pre-fabricated buildings.
¥ Holiday centre accommodation.
¥ Community Centres.
¥ Re-roofing of schools/prisons.
¥ Over-roofing of asbestos/felt/industrial sheeting.

British Board of Agrément certificate number. 89/2272.
Manufactured using ISO 9001 approved materials.

The Building Regulations 2000 (as amended) England & Wales.
Requirement B3(4) Internal fire spread (structure)
Requirement B4(2) External fire spread
Requirement C2(b) Resistance to moisture
Regulation 7 Moisture and workmanship

Regulation 8 Duribility, workmanship and fitness of materials
Regulation 8(1) Duribility, workmanship and fitness of materials
Regulation 9 Building standards - construction
Standard 2.1 Compartmentation
Standard 2.2 Separation
Standard 2.8 Spread from neighbouring buildings
Standard 3.10 Precipitation
Regulation 12 Building standards - conversions

Regulation B2 Fitness of materials and workmanship
Regulation C4 Resistance to ground moisture and weather
Regulation E4 Internal fire spread - Structure
Regulation E5 External fire spread
Ventilation systems comply with Building Regulations 1990(F2) & BS5250 (1989)

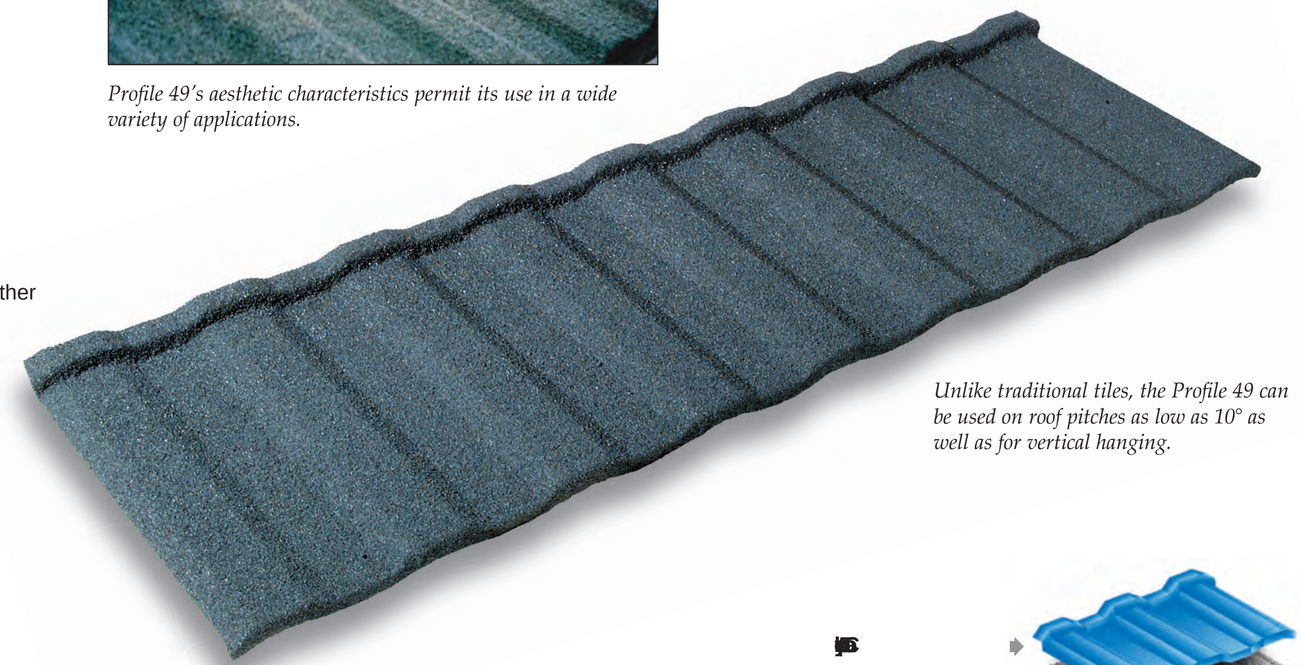


Designed to give a traditional tile appearance.

¥ Lightweight.
¥ Minimum pitch 10°.
¥ Good vandal resistance (0.9mm steel base).
¥ Easy to handle.
¥ Offers reduced structure.
¥ Quick installation.
¥ Less labour intensive.
¥ Cost effective.
¥ Virtually maintenance free.
¥ Extensive range of accessories and flashings available.
¥ Fully dry-fixed.
¥ Guaranteed for 30-years against weather penetration.
¥ Full technical support available.

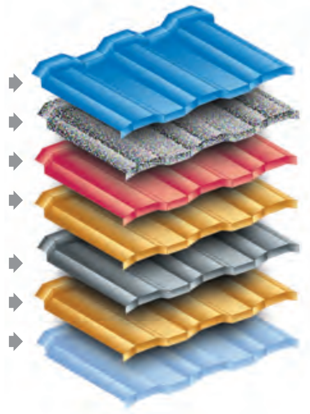
Profile 49's aesthetic characteristics permit its use in a wide variety of applications.

The O.9mm Profile 49's, is particularly well suited in areas where security is of concern or where vandalism is commonplace.



Unlike traditional tiles, the Profile 49 can be used on roof pitches as low as 10° as well as for vertical hanging.

10°
90°
1420mm
1315mm
105mm
19mm
365mm
363mm
165mm
0.48m²
2.08
0.45mm & 0.9mm
7kg & 11kg
Acrylic resin.
Stone granules with clear acrylic overglaze.
Titanium grey, Bramble Brown, Tartan Green, Rustic Terracotta. Brindle available on request.
Unaffected by normal pollution.
Non toxic fungicide incorporated.
AA classification equal to traditional roof tiles and slates.
The contractor shall utilise the roofing manufacturers recommended fixings and sealant.
Roof ventilation should meet recommendations of Building Regulations 1991 (amended '92, '94). Approved Document F2 1995 'Condensation in roofs', BS 5250: 1989 'Control of condensation'



Britmet Tileform has one of the widest ranges of lightweight Tile/Slate effect roofing systems available on the market today. To view our up-to-date product information, please visit our web-site.

Offers instant access to: Performance properties, full range of product applications photographs, product information, technical drawing library (CAD & .BMP format) and much more.

RECOMMENDED TIMBER BATTEN SIZES (roofing & vertical applications)

450	1 no 75mm x 3.35mm	38	25
600	1 no 75mm x 3.35mm	50	25
900*	1 no l00mm x 4.00mm	50	50
1200*	1 no l00mm x 4.00mm	50	50
1500*	1 no 125mm x 12g screw	50	75

*underlay supports between rafters/truss to be used, (wire support or nylon tape).

RECOMMENDED ROOFING UNDERLAY

Unsupported (roofing underlay draped over rafters or counter-battens)	Roofing underlay should comply with BS747 type 1F or 5U
Fully supported (roofing underlay laid directly to boarding or sarking)	Roofing underlay should comply with recommendation's of BS5534: Part 1: 1997 section 2.10.2 and vapour transmission tested in accordance with BS 3177 (n.b. good quality BS 747 type 1F underlay comply with this test)

RECOMMENDED LAPS FOR UNDERLAY

10° to 12°	300mm	200mm	100 - 150mm
12½° to 14°	225mm	150mm	100 - 150mm
15° to 34°	150mm	l00mm	100 -150mm
35° & above	l00mm	75mm	100 - 150mm

NB. Any penetrations to the underlay should be suitably sealed to prevent water ingress. Roofing underlay laps to valleys should comply with recommendations of BS 5534: Part 1:1997 section 4.2.1.6

CALCULATION CHART (estimating guide for 0.45 only)

Chart below allows for a 25mm fascia and 20mm to the first batten.

1.325	1	0.290	1
2.650	2	0.665	2
3.975	3	1.020	3
5.300	4	1.385	4
6.625	5	1.750	5
7.950	6	2.115	6
9.275	7	2.480	7
10.600	8	2.845	8
11.925	9	3.210	9
13.250	10	3.575	10
14.575	11	3.940	11
15.900	12	4.305	12
17.225	13	4.670	13
18.550	14	5.035	14

For wastage on Hips & Valleys, allow an additional 1.32 slates per lm