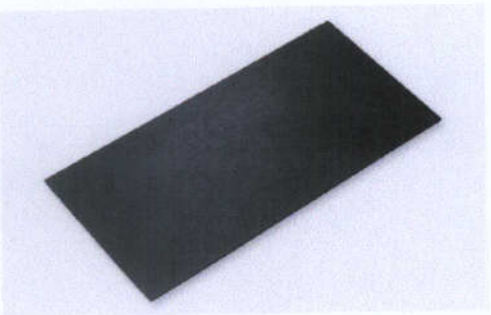
Materials for:

SUNNY BANK
GAYS LANE
CANEWDON
ESSEX

Thrutone Fibre Cement Slate



The market leading Thrutone slates offer superb aesthetics.

With their lightweight, low wastage, design flexibility and ease of installation and it's easy to see why they are the choice for all types of new build and refurbishment projects, including houses, flat-to-pitched roof conversions and challenging commercial projects.

Marley Eternit's fibre cement slates are the only fibre cement slates manufactured in the UK and are the only product of its kind that can therefore achieve an A+ (the lowest environmental impact) in the BRE's Green Guide to Specification.

Advantages

- Smooth finish and square cut edges offer a natural slate look at a truly economic price
- Can achieve an A+ in the BRE's Green Guide to Specification
- Lightweight, strong and durability giving design flexibility
- Pre-holed for easy installation
- Comprehensive range of accessories

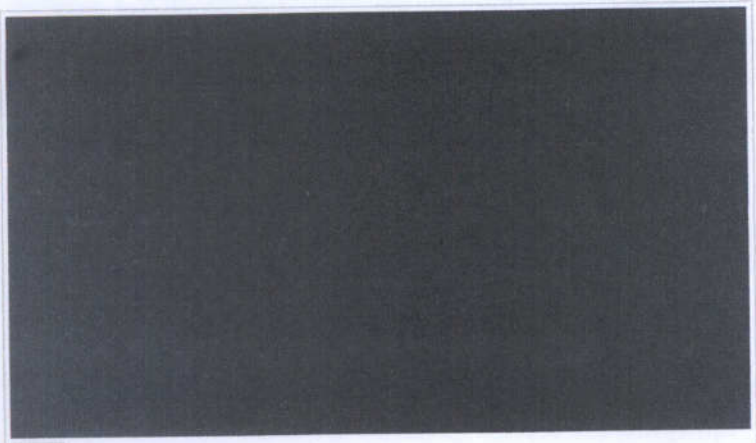
Downloads

Slates June 2010
Size: 1.64 Mb

Product overview

Colours Technical Environmental Fittings Ventilation Dry Fix Universal Accessories

Case Studies



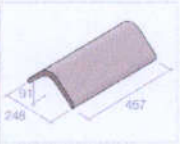
Colour: Blue Black

No data available

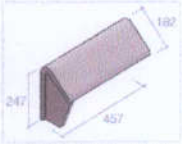
Country of Production	Widnes, UK
Environmental Management	14001
Quality Management	9001
Health and Safety Management	18001
LCA study	Can achieve an A+ rating in the BRE Green Guide to Specification

Energy	Manufactured under high pressure and air cured
Raw materials	Cement, silica, fibres, pigments and fillers
Lifespan	> 60 years
Recyclability	Can be crushed and used in cement manufacture

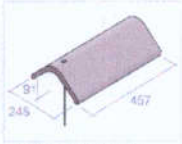
Concrete Ridges And Hips



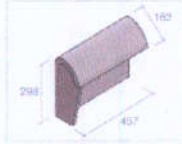
Modern ridge



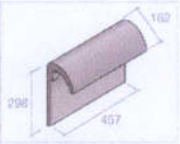
Modern mono block end ridge



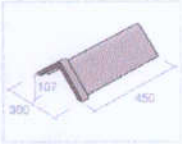
Modern security ridge



Segmental mono block end ridge

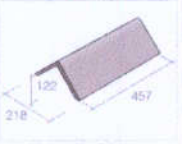


Segmental mono ridge



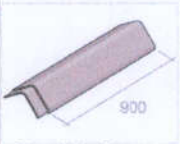
105° capped angle ridge

125° capped angle ridge hip

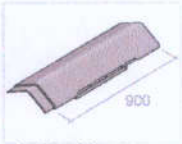


90° angle ridge

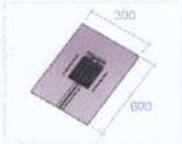
Fibre Cement Ridges And Hips



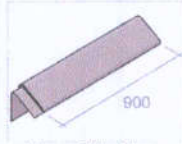
Duo pitch ridge



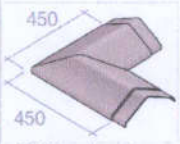
In-line ridge ventilator plus extension sleeve



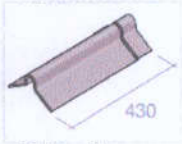
In-line slate ventilator



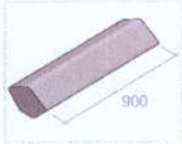
Mono pitch ridge



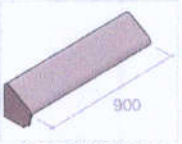
Right angle return



Roll top ridge



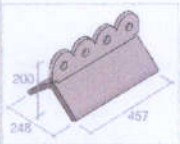
Stop end duo pitch ridge



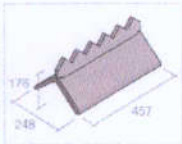
Stop end for mono pitch ridge

Stop end for roll top ridge

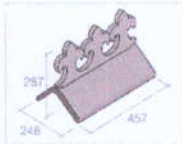
Concrete Crested Ridges



4 hole bull nose

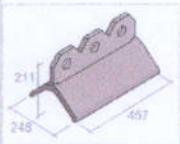


Cocks comb



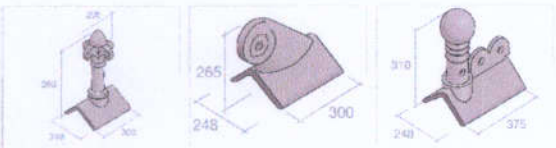
Fleur-de-lys

Roll top



Three hole

Concrete Finials



Size of Tile	600mm x 300mm 500mm x 250mm
Minimum Pitch	600mm x 300mm Minimum pitch (100mm lap) Moderate exposure 22.5° Severe exposure 25° Minimum pitch (110mm lap) Moderate exposure 20° Minimum exposure 22.5° 500mm x 250mm Minimum pitch (100mm lap) Moderate exposure 22.5° Severe exposure 25° Minimum pitch (110mm lap) Moderate exposure - Minimum exposure -
Maximum Pitch	90°
Minimum Headlap	600mm x 300mm 100mm, 110mm 500mm x 250mm 100mm
Maximum Gauge	600mm x 300mm 245-250mm 500mm x 250mm 200mm
Covering Capacity	Net slates/m² 600mm x 300mm 100mm lap 13.4 110mm lap 13.6 500mm x 250mm 100mm lap 20.0
Weight of Tiling	Approx.kg/m² 600mm x 300mm 100mm lap 20.4 (0.20kN/m²) 110mm lap 20.9 (0.20kN/m²) 500mm x 250mm 100mm lap 21.3 (0.21kN/m²)
Battens Required	(net lin.m/m²) 600mm x 300mm 100mm lap 4.00 110mm lap 4.08 500mm x 250mm 100mm lap 5.00
Batten Size Recommended	38 x 25 mm for rafters / supports not exceeding 450mm centres 50 x 25mm for rafters / supports not exceeding 600mm centres
Tile Nails	Slate nails (Copper to BS1202-2) 30mm x 2.65mm
Copper disc rivets	Required
Authority	BS EN 492
Notes	The effectiveness of the tile or slate to operate at the minimum recommended pitch and lap may be influenced by special circumstances. Guidance on pitch and lap should be obtained from the Technical Advisory Service for the following: • Interlocking tiles and slates where the roof slope exceeds 6 metres in length and/or the site is rated to be in a severe exposure category. • Double-lap fibre cement slates where the roof slope exceeds 6 metres in length (severe/very severe exposure) and 9 metres in length (sheltered/moderate exposure).

No data available

No data available

Cedral Weatherboard

Fibre cement Cedral Weatherboard is the ideal low maintenance, rot free alternative to traditional timber weatherboarding.

With the visual appeal of natural timber, yet simple to install, resistant to rot, Cedral Weatherboard is an attractive low maintenance alternative to PVCu.

Cedral Weatherboard can be supplied in Natural finish for on-site painting, in one of a range of 22 factory applied colours or in one of four woodstain shades providing housebuilders and specifiers aesthetic options to meet project requirements.

With a colour range that complements Operal and a comprehensive selection of aluminium trims, Cedral Weatherboard offers integrated solutions for external cladding design.
Available in 22 colours and 4 woodstain shades

Advantages

- Can achieve an A+ rating in the BRE's Green Guide to Specification
- Excellent aesthetics
- Resistant to rot and maintains its looks
- Low maintenance
- Easy to install
- Use in the same way as wood
- Stands up to the harshest weather conditions
- Class 0 fire performance
- Immune to attack by pests and insects
- Comprehensive range of aluminium trims
- Weatherboard is ideal for use where traditional timber boards might be considered, especially for facades and window and door surrounds
- BBA Certificate No. 06/4299

Downloads

Cedral Weatherboard and Operal Brochure
Size: 5.25 Mb

BBA Certificate Cedral Weatherboard
Size: 155.1 Kb

Aluminium trims
Size: 246.3 Kb

Cedral Weatherboard Application Instructions
Size: 195.2 Kb

Pure Cladding 2011 Design Considerations Section
Size: 1.12 Mb

Pure Cladding 2011 Fixing Systems Section
Size: 2.42 Mb

Rainscreen Cladding
Size: 1.40 Mb

Working with fibre cement cladding datasheet
Size: 105.8 Kb

Fibre cement cladding site work storage and handling guidance
Size: 236.9 Kb

Product overview

Colours Technical Environmental Fixing Systems Aluminium Trims Case Studies

Colour: Atlas Brown

Environmental Management	14001
Quality Management	9001
LCA study	Marley Eternit fibre cement Cedral weatherboard can achieve an A+ rating as defined in the BRE Green Guide to Specification based on generic rating for autoclaved fibre cement (calcium silicate) cladding - (Element Ref: 806220701, 806220675, 806220676)
Energy	Compressed and autoclaved
Raw Materials	Cement, fillers, fibres and additives
Lifespan	Installed life expectancy of at least 50 years
Recyclability	Can be crushed and used in cement manufacture

Length	3600mm
Width	190mm
Thickness	10mm
Weight per board	11.2kg
Weight per meter squared	Installed weight 19.3kg
Density	1300kg/m³
Bending strength Longitudinal	23N/mm²
Bending strength Transverse	11N/mm²
Modulus of elasticity Longitudinal	7500N/mm²
Modulus of elasticity Transverse	5500N/mm²
Expansion from dry air to saturated	1.75mm/m
Thermal conductivity	0.212W/mK
Reaction to fire Building Regulations	Class O EN 13501-1
Reaction to fire EU 13501 1	A2-s1-d0