

Carbon
captured
roof tile,
evidenced.

You can bank on it.

EDGEMERE 2.0 LOW CARBON TECHNOLOGY

 EDGEMERE 2.0

 **Marley**

Edgemere 2.0, the first UK roof tile to use carbon-capture cement technology*

In a first for UK roofing, Edgemere 2.0 combines Marley’s leading Edgemere concrete roof tile with evidenced, near zero carbon-captured cement, to produce a low carbon roof tile.

WHAT IS NEW

CO₂ from cement production is captured at source, before it enters the atmosphere, and permanently stored beneath the seabed. The captured carbon is then recorded in the publicly available Carbon Bank*, which allocates captured and stored CO₂ reductions to specific Edgemere 2.0 orders, with full end-to-end traceability through an Environmental Attribute Certificate (EAC).

Carbon captured near-zero cement inside



* Edgemere 2.0 is produced with Heidelberg Materials’ EvoZero® carbon captured near-zero cement, produced at the first cement carbon capture facility at its cement works in Brevik, Norway. To avoid the transport emissions that would be incurred by shipping from Brevik, Edgemere 2.0 CO₂ reduction can be transferred and attributed using locally sourced Heidelberg Materials cement.

A Carbon Bank withdrawal is made to reduce the corresponding Global Warming Potential (GWP) of the locally produced UK cement to zero. The carbon reduction is recorded in Heidelberg Materials’ publicly available Carbon Bank, which allocates captured and stored CO₂ reductions to each specific Edgemere 2.0 order, with full end-to-end traceability through an Environmental Attribute Certificate (EAC).

WHAT THIS MEANS

Edgemere 2.0 expands the Edgemere range by offering a low carbon option with a Global Warming Potential (GWP) of just 1.86kg CO₂e per m² from cradle to gate, whilst retaining the familiar thin leading edge, technical performance and dimensions of Edgemere together with a Green Guide A+ rating and BES 6001 Excellent certification.

REDUCED CARBON. REAL EVIDENCE

The change is behind the tile: in the cement production process carbon is captured and stored. The stored carbon is verified by a third party using block chain distributed ledger technology. The carbon allocated to the Edgemere 2.0 is stored in a Carbon Bank where the chain-of-custody documentation can be produced for every order supplied.



EDGEMERE 2.0 INTERLOCKING CONCRETE TILE.

TILEFIX
marley.co.uk/tilefix

CAD
marley.co.uk/cad

NBS specs
marley.co.uk/specrite

FIXING GUIDE
marley.co.uk/resources

SAMPLES
marley.co.uk/samples

EDGEMERE 2.0
A thin leading edge concrete tile, available at launch in Smooth Grey. The 2.0 specification is identical to standard Edgemere; the difference sits in the cement route behind the tile and in the carbon evidence supplied with the order.

EDGEMERE FITTINGS
Available in all colours to match main slates.

COLOUR AVAILABILITY

SMOOTH GREY (S) – Available at launch – Edgemere 2.0

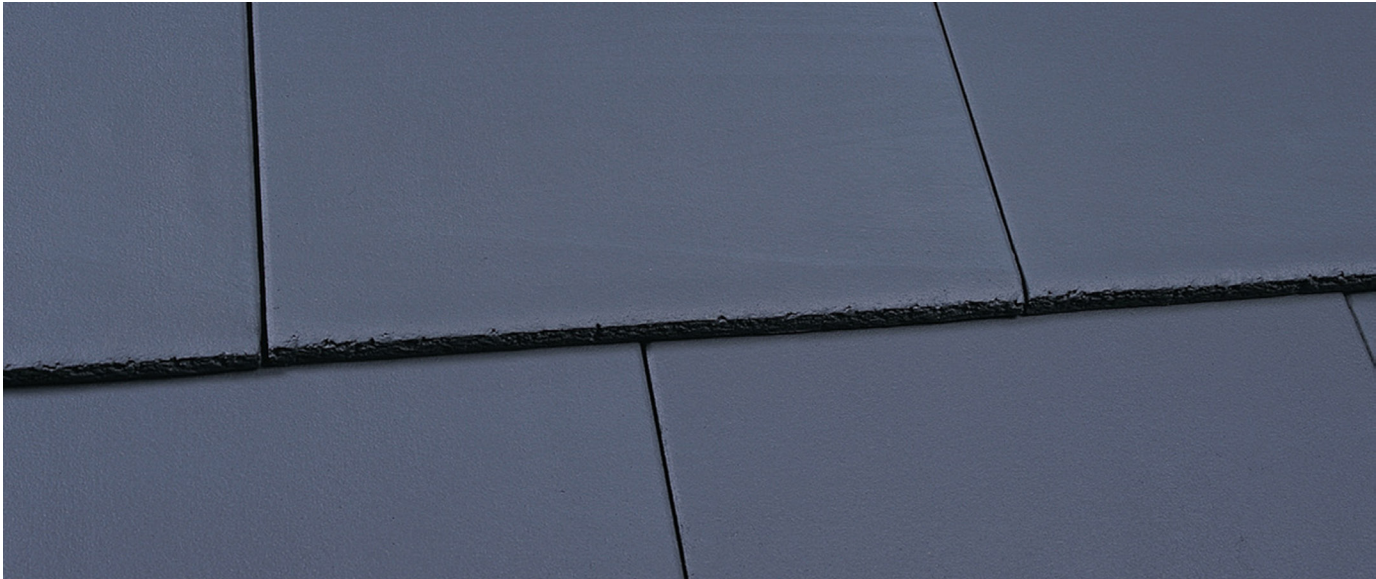
SUSTAINABILITY AND CARBON EVIDENCE

Green guide rating	A+ (Element refs: 812410007, 812410018, 812410049)	
BES 6001	Excellent	
Embodied carbon	Low carbon footprint of 1.86kgCO ₂ eq This is a self declared Product Carbon Footprint (PCF) report.	

TECHNICAL DATA

Size	420mm x 330mm	
Minimum pitch*	22.5° (75mm lap)	17.5° (100mm lap)
Maximum pitch	90°	
Minimum lap	75mm (22.5° and above)	100mm (below 22.5°)
Maximum gauge	345mm	
Tile thickness	18mm (nominal)	
Cover width	298mm (nominal)	
Hanging length	395mm (nominal)	
Covering capacity (net)	9.7 tiles per m ² at 75mm lap	10.5 tiles per m ² at 100mm lap
Weight of slating (approx.)	44 kg per m ² (0.43 kN per m ²) at 75mm lap	47.5 kg per m ² (0.47 kN per m ²) at 100mm lap
Battens required (net)	2.9 lin.m/m ² at 75mm lap	3.1 lin.m/m ² at 100mm lap
Batten size (fixed to BS 5534)	38 x 25mm for rafters/supports not exceeding 450mm centres 50 x 25mm for rafters/supports not exceeding 600mm centres	
Fixings	Slate nails (45 x 3.35mm)	
Fixing clips	Eaves, verge and tile clips	
Authority	BS EN 490	

* The minimum recommended pitch and lap may be influenced by special circumstances, please contact the Technical Advisory Service.





Tell me more

CONTACT

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Email info@marley.co.uk

Or visit marley.co.uk/edgemere2



SCAN TO LEARN MORE.



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Part of  Marshall's

