

# PRODUCT CARBON FOOTPRINT

## GLOBAL WARMING POTENTIAL

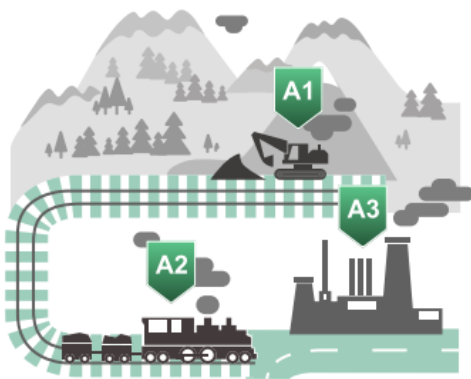
This quantifies a product's contribution towards global warming. Often shortened as GWP, this is the value that is commonly referred to as carbon footprint or embodied carbon.

## STANDARDS

These are ISO 14021 self-declared results, calculated according to ISO 14040 and ISO 14044 standards. The results follow EN 15804+A2.

## SCOPE OF ASSESSMENT

The results have a cradle-to-gate scope, comprising raw materials extraction and supply (A1), transport (A2) and manufacturing (A3).



## CARBON FOOTPRINT

Declared unit	1m <sup>2</sup>
Mass of declared unit (kg)	47,5
GWP-fossil, A1-A3 (kg CO <sub>2</sub> e)	1,86
GWP-total, A1-A3 (kg CO <sub>2</sub> e)	0,95

## MANUFACTURER AND PRODUCT

Manufacturer	Marley Ltd
Address	Marley Limited, Lichfield Road, Burton-on-Trent, Staffordshire DE14 3HD, England, UK
Website	www.marley.co.uk
Product name	Edgemere 2.0 Concrete Roof Tiles
Place of production	Glasgow, Scotland
Period of production	2026

## PRODUCT DESCRIPTION

Concrete tiles are CE / UKCA Marked as being manufactured according to BS EN 490, when tested to BS EN 491, meeting the requirements for mechanical resistance (transverse strength), water impermeability, dimensions, structural / fixing and durability (freeze / thaw). Other factors which must be satisfied to achieve the standard include external fire performance. Test methods and minimum criteria are detailed in the standard.

## SYSTEM BOUNDARY

Product			Construction	Use	End of Life	Beyond the system boundary
A1	A2	A3	A4-A5	B1-B7	C1-C4	D
X	X	X	Modules not declared			

The nominated size for the product specified in this document is meter squared of roof tiles laid, based on large format tiles @ 10.5 tiles per m<sup>2</sup>.