





Low-Carbon Block Product Information




A solid low-carbon concrete block for use in both internal and external construction.

-  Conforming to BS EN 771-3: 2011 and a standard strength requirement of 7.3N/mm².
-  High density load bearing block suitable for solid, cavity, separating and partition walls.
-  A1 fire protection rating and excellent thermal and sound insulation.*
-  Ronez Low-Carbon concrete blocks are a cost effective greener alternative, reducing resource depletion through substituting cement with an industrial by-product.*



Low-carbon block benefits

-  Ronez Low-Carbon (440 x 100 x 215mm) concrete blocks save up to 50kg CO₂e per 100 blocks or 1.3 tonnes of CO₂e per average house build.*^a



©2021 Carbon Footprint - Emission. This fairly worked (Pb) 40kg CO₂e/tonne
EM & Carbon Footprint based on CEM I 42.5 R (CEM I) and National Cement data from EPA, 200kg CO₂e/tonne
emissions data for NO_x SO₂ and PM₁₀ come from the Health report commissioned by Emission from the University of Stuttgart

* When compared to equivalent concrete blocks manufactured with 100% Ordinary Portland Cement.

*^a Data obtained and calculated using:
<https://circularecology.com/concrete-embodied-carbon-footprint-calculator.html>, www.self-build.co.uk, <http://www.carbon-calculator.org.uk/>, and <https://www.ecocem.ie/calculator/#>

Product Information

Guernsey concrete block product range

Size (mm)	440 x 215
Thickness (mm)	100, 140
Density (kg/m ³)	2.2 (100) 2.2 (140)
Weight (kg)	21 (100) 30 (140)
Strength	7.3N/mm ²
Blocks per M2 inc. mortar	9.88
Fire rating	A1
K value (W/mk)	1.42
RW value upright	49 db (100) 52 db (140)



Jersey concrete block product range

Size (mm)	440 x 215
Thickness (mm)	100, 140
Density (kg/m ³)	2.0 (100) 2.1(140)
Weight	19 (100) 28 (140)
Strength	7.3N/mm ²
Blocks per M2 inc. mortar	9.88
Fire rating	A1
K value (W/mk)	1.3
RW value upright	48 db (100) 51 db (140)



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