

Greenbloc

Ultra Low Carbon Sustainable Concrete Block

**Compliance with EN1996-1 Group 1 Manufacturing Standard BS EN 771 – 3: 2011
Tolerance Category D1**

March 2021

Size	440mm x 215mm x 100mm
Blocks per pack	72
Flatness	NPD (See BS EN 771-3 sec 5.3.2.2)
Plane Parallelism	NPD
Bulk dry material density	1850—2000 kg/m ³
Dry Weight	Approximately 18.08kg (100mm)
Compressive strengths	7.3, N/mm ²
Thermal Conductivity (K Value)	1.13 (int) – 1.21 (ext) W/mK
Thermal Resistance (R Value)	0.0885 (int) – 0.083 (ext) m ² K/W
Dry shrinkage	Less than 0.06%
Moisture movement	≤ 0.5
Water Absorption	NPD
Water Diffusion	5/15 (EN 772-3 sec 5.8)
Shear Bond Strength	0.15 N/mm ²
Acoustic Resistance (Single Leaf)	52db
Reaction to Fire	Euro class A1
Durability to freeze / Thaw	Recommend not to leave exposed



Building a sustainable future