



CONCRETE BLOCK DATASHEET – BLOCK SIZE 440mm x 215mm x 140mm

Solid dense – the most durable and resilient block with high load bearing capacity for unfinished facing applications

- Environmentally engineered to meet the requirements of today’s values
- Raw materials used are precisely selected for their environmental performance and the products fulfil all UK and European technical standards
- Freeze/Thaw resistance: Frost Resistant
- Sound reduction – 52 Rw, dB (based on wall assuming plastered finish both sides)

Applications

- Suitable for use above and below ground, both internally and externally up to 3 storeys.
- Internal partition walls
- Block and beam floor infill
- Walls below d
- pc
- Standard finish – provides an excellent surface for mortars, renders and plasters
- Acoustic separating party walls to Part E of the Building Regulations and Robust Details.

Manufacturing standards

The Sheehan block range is manufactured using a semi-dry process and is compliant to European Standard BS EN 771-3. All Sheehan products are manufactured in accordance with ISO 9001 with compliance to ISO 14001.

Technical Data -

Property	BS EN Standard	Value
Face size	BS EN 771-3	440mm x 215mm
Dimensional tolerance	BS EN 772-16	Category D1
Gross Dry Density	BS EN 772-13	1900 – 2000 kg/m ³
Mean Compressive Strength	BS EN 772-1	7.3, 10.4N/mm ²

Property	BS EN Standard	Value
Manufacturing Category	BS EN 771-3	Category II
Thermal Conductivity	BS EN 1745	Internal - 1.13 W/mK External - 1.21 W/mK
Moisture Movement	BS EN 772 -14	<0.6mm/m
Fire Resistance	BS EN 13501-1	Class A1 Reaction Fire
Configuration	BS EN 1996-1-1	Solid – Group 1

Pack Size –

Block Size mm	Blocks per pack	m ² per pack	'R' value (m ² /W)	Walled weight (kg/m ²)	Block weight (kg)	Fire resistance (hrs)
440 x 215 x 140	48	4.8	0.12	278	26.6	6

Recyclable: 100% of the product can be recycled thus reducing the amount of material that is sent to landfill.

Manufacturing location: produced in the UK, with locally sourced materials under strict environmental and social legislation, for local supply.

