



## **CONCRETE BLOCK DATASHEET**

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

Dense blocks containing a minimum of 75% recycled/secondary aggregates.

- Environmentally engineered to meet the requirements of today's values
- 75% minimum recycled aggregate makeup
- 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 Insulation: 45 RwdB

### **Applications**

Suitable for use above and below ground, both internally and externally up to 3 storeys.  
Standard finish - Suitable for locations where the surface will not be seen, i.e. plastered or rendered.

### **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 100mm x 215mm
Dimensional tolerance	BS EN 772-16	Category D1
Gross Dry Density	BS EN 772-13	1800 – 2000 kg/m <sup>3</sup>
Mean Compressive Strength	BS EN 772-1	7.3, 10.4N/mm <sup>2</sup>

Property	BS EN Standard	Value
Manufacturing Category	BS EN 771-3	Category II
Thermal Conductivity	BS EN 1745	Internal - 1.06 W/mK External - 1.14 W/mK
Moisture Movement	BS EN 772 -14	<0.6mm/m
Fire Resistance	BS EN 13501-1	Class 1 Reaction to Fire
Configuration	BS EN 1996-1-1	Solid – Group 1
Bond Strength	BS EN 998-2 Annex C	0.15N/mm <sup>2</sup>

### **Pack Size –**

Block Size mm	Blocks per pack	m <sup>2</sup> per pack
440 x 100 x 215	72	7.2

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.

