



INTRODUCTION

Bricks made from recycled soil sourced from construction sites with a carbon-negative lime binder. Tested to the same standards as traditional brick products this whole lifecycle carbon negative is a versatile product for both interior and exterior applications.

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| 01 | Whole lifecycle carbon-negative. No firing is involved in any of the manufacturing process and proprietary technologies absorb and capture carbon from the atmosphere during the lifespan of the material. |
| 02 | The brick body is made from recycled soil sourced from building sites and excavations. |
| 03 | At end of life the bricks are fully recyclable into future production batches or can be crushed and returned to the earth and can support crop and plant growth. |
| 04 | Suitable for interior and exterior walls, floors, and cladding. |
| 05 | Made without quarried clay nor cement; the bricks are naturally cured at low temperature rather than fired. |
| 06 | Available as slips, bricks, and frogged bricks. Custom colours and formats are available on a project-to-project basis. |

MATERIAL PROPERTIES
BS-EN-771-1

PHYSICAL	Dimensions - Slips	215 x 65 x 20mm
	Dimensions - Bricks	215 x 102.5 x 65mm
	Tolerance Category	T2
	Range Category	R2
	Weight per square meter	20.4 kg
	Mean compressive strength	39.1 N/mm ²
	Max declarable strength, Category I	25.0 N/mm ²
	Declared compressive strength	10 N/mm ²
	Masonry Strength EN 1052-1	7.06 N/mm ²
	Freeze/Thaw Resistance	F2
	Water Absorption, initial rate	1.1 kg/m ² .min
	Water Absorption 24h	12%
	Water vapour permeability	0.048 mg/m.h.Pa
	Equivalent thermal conductivity	0.9 W/(m.K)
	Specific Heat Capacity	0.84 J/g.K
	Active soluble salts content	S2
MATERIAL	Dangerous substances 2003/33/EC Compliant	None
	End of life	Fully recyclable
	Raw material CO ₂ emissions	0g
	CO ₂ absorption and permanent storage	35g per slip 178g per brick

CERTIFICATION

REACTION TO FIRE	UK & EU - EN 13501-1	A1
	Fire Resistance, load bearing wall <i>test discontinued at stated time</i>	REI 264 minutes
OTHER CERTIFICATION	UKCA & CE	Approved
	EPD	Published