

STRANLITE SYNERG·ECO

Combines Recycling, Strength and Sustainability

STRANLITE SYNERG·ECO is a general purpose building block with applications in house building and commercial construction. Manufactured from 100% recycled or reclaimed aggregates, **SYNERG·ECO** satisfies sustainability and environmental credentials where specified, whilst complying with thermal and acoustic Building Regulations.

STRANLITE SYNERG·ECO is available in 100mm and 140mm Solid in standard or paintgrade finishes. They are plain ended, grey in colour and are robust and durable and provide excellent fixability.

APPLICATIONS

EXTERNAL WALLS - outer & inner leaf

INTERNAL LOADBEARING WALLS

INTERNAL PARTITION WALLS

PARTY/FLANKING WALLS

WALLS BELOW DPC

SEMI EXPOSED WALLS

SUSPENDED FLOORS - Beam & Block



Lightweight



High Thermal Efficiency



Fire Resistant



Good Sound Insulation



Loadbearing



Accepts Plaster and Paint Without Bonding Coat



Low Shrinkage



Authority



Easily Cut and Chased



Excellent Fixability



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AUTHORITY

Stranlite Synerg-Eco blocks are manufactured to comply with BS EN 771-3.

Production facilities operate under Quality Management Standard BS EN ISO 9001 Certificate Number FM 10847. (BSI Registration).


STRANLITE SYNERG·ECO PACK SIZES (Metric)

100mm 9.6m²


140mm 6.4m²

PROPERTIES AND PERFORMANCE


Mean Compressive Strength

 4.2 N/mm², 7.3 N/mm² and 10.4 N/mm². Higher strengths available on request.

Dry Density

 4.2 N & 7.3 N -1375 to 1400 Kg/m³
10.4 N - 1425 to 1450 Kg/m³.


Thermal Properties

 k = 0.46W/m°C
Stranlite Synerg-Eco blocks are Part L compliant. Consult our Technical Department for current thermal data.


Moisture Movement

 0.30mm/m.

Sound Insulation

 Stranlite Synerg-Eco blocks are Part E compliant. Consult our Technical Department for current sound performance data.


Fire Resistance

 Stranlite Synerg-Eco is manufactured from Class 1 Fire Resistant Aggregate as defined in BS 5628 Part 3.

Shear Bond Strength

 0.15 N/mm².

Fixability

 Stranlite Synerg-Eco blocks accept direct nailing and are easy and speedy to drill and plug.



METRIC SIZES AND TYPES

Work Size 440mm x width x 215mm
Co-ordinating Size 450mm x width x 225mm

Type 100mm 140mm

Solid

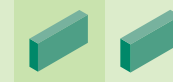


MODULAR SIZES AND TYPES

Work Size 390mm x width x 190mm
Co-ordinating Size 400mm x width x 200mm

Type 100mm 140mm

Solid



NOTES: Green shading denotes block weights of LESS THAN 20KG. For high strength blocks check with Divisional Sales Office.