

# STRANLITE SYNERG·ECO PAINT GRADE

Combines Recycling, Strength and Sustainability

**STRANLITE PAINT GRADE SYNERG·ECO** is a lightweight aggregate load bearing block suitable for locations where a close textured face is required for direct painting to give an attractive smooth and low maintenance finish. Manufactured from 80% recycled or reclaimed aggregates, **PAINT GRADE SYNERG·ECO** satisfies sustainability and environmental credentials where specified, whilst complying with thermal and acoustic Building Regulations and is ideal for use in industrial, commercial and public sector building applications.

**STRANLITE PAINT GRADE SYNERG·ECO** blocks are grey in colour, plain ended, available as 100mm and 140mm Solid, and finely textured.

## APPLICATIONS

*EXTERNAL WALLS - outer & inner leaf*

*INTERNAL LOADBEARING WALLS*

*INTERNAL PARTITION WALLS*

*PARTY/FLANKING WALLS*

*SEMI EXPOSED WALLS*



*Lightweight*



*High Thermal Efficiency*



*Fire Resistant*



*Good Sound Insulation*



*Loadbearing*



*Readily Accepts Direct Painting*



*Low Shrinkage*



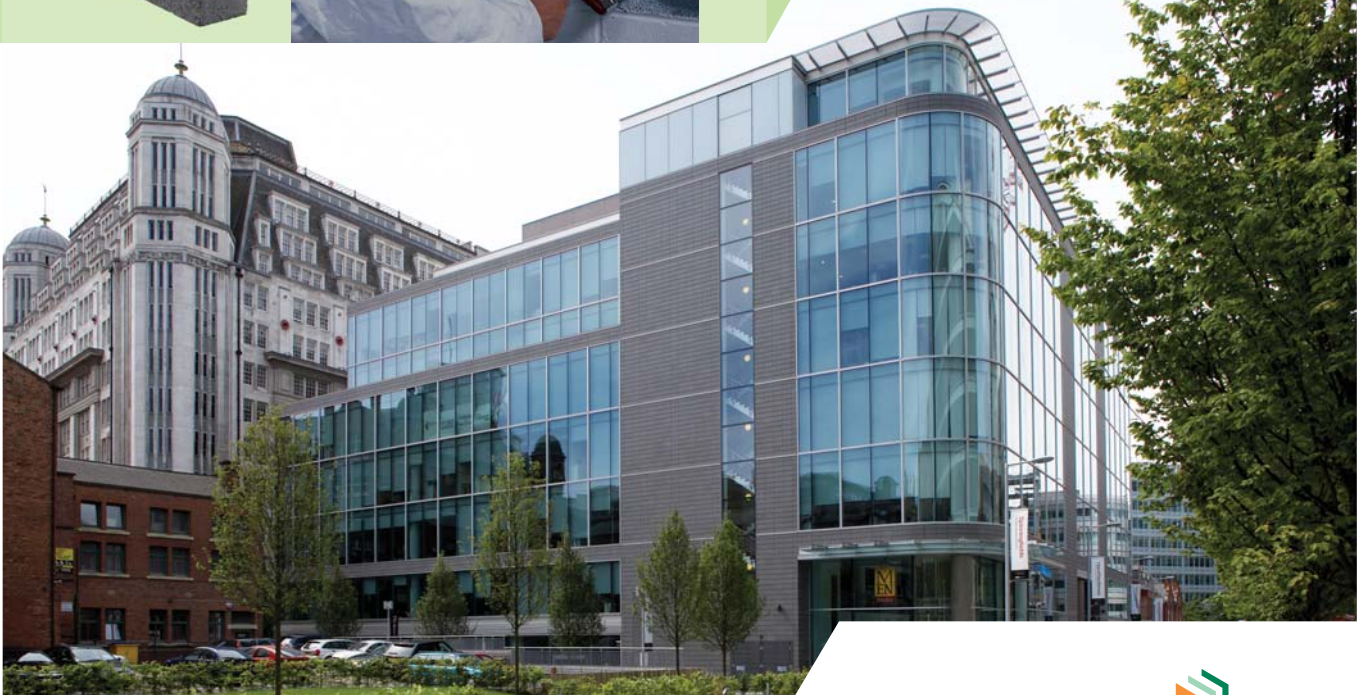
*Authority*



*Easily Cut and Chased*



*Excellent Fixability*



# STRANLITE SYNERG·ECO PAINT GRADE

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## AUTHORITY

Stranlite Paint Grade 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 PAINT GRADE SYNERG·ECO PACK SIZES (Metric)

100mm 9.6m<sup>2</sup>  
140mm 6.4m<sup>2</sup>

## PROPERTIES AND PERFORMANCE

### Mean Compressive Strength



7.3 N/mm<sup>2</sup> and 10.4 N/mm<sup>2</sup>.  
Higher strengths available on request.

### Dry Density



7.3 N - 1375 to 1400 Kg/m<sup>3</sup>.  
10.4 N - 1425 to 1450 Kg/m<sup>3</sup>.

### Thermal Properties



$k = 0.46 \text{ W/m}^\circ\text{C}$   
Stranlite Paint Grade Synerg-Eco blocks are Part L compliant. Consult our Technical Department for current thermal data.

### Moisture Movement



0.30mm/m.

### Sound Insulation



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

### Fire Resistance



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

### Shear Bond Strength



0.15 N/mm<sup>2</sup>.

### Fixability



Stranlite Paint Grade 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

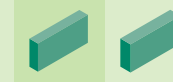


## MODULAR SIZES AND TYPES

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.