# **STRANLITE** Elevate.18°

#### LIGHTWEIGHT AGGREGATE BLOCKS



#### **AUTHORITY**

Stranlite Elevate.18 blocks are manufactured in production facilities to BS EN 771-3, with third party accreditation under BSI as follows:-

BS EN ISO 9001 FM 10847 Certificate Number
BS EN ISO 14001 EMS 536819 Certificate Number

BES 6001 BES 585086 - 'Good' achieved

**STRANLITE** Elevate. 18' is a lightweight aggregate block for general purpose use in domestic extensions.

Manufactured from high quality approved lightweight aggregates, **STRANLITE** Elevate.18 has a granular surface texture and is plain ended and grey in colour. They are robust and durable, Building Regulation compliant and provide excellent fixability.

Available in 4.2N and 7.3N strengths, **STRANLITE** Elevate.18 is the ideal cost effective Part L Extensions solution.



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

**STRANLITE** Elevate.18

**PACK SIZES** 

100mm

9 6m²

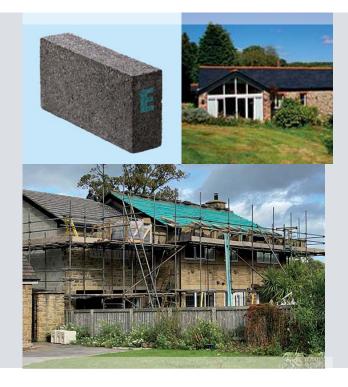


# **STRANLITE** Elevate.18°

#### LIGHTWEIGHT AGGREGATE BLOCKS

Work Size 440mm x 100mm x 215mm
Co-ordinating Size 450mm x 100mm x 225mm

ТҮРЕ	100mm	
Solid		
Strengths available	4.2N 7.3N	



#### **PROPERTIES & PERFORMANCE**



#### **MEAN COMPRESSIVE STRENGTH**

See size table above for strengths available.



#### **DRY DENSITY**

4.2N & 7.3N - 1300 Kg/m<sup>3</sup>.



THERMAL VALUE (at 3% moisture)

 $k = 0.39W/m^{\circ}C$  for 4.2 N and 7.3 N.



# **MOISTURE MOVEMENT**

Not greater than 0.6 mm/m\*.



### **FIRE RESISTANCE**

Stranlite Elevate.18 is manufactured from Class 1 Fire Resistant Aggregate as defined in BS 5628 Part 3 and complies with BS EN 1996-1-2005.



# **SHEER BOND STRENGTH**

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



# **FIXABILITY**

Stranlite Elevate.18 blocks accept direct nailing and are easy and speedy to drill and plug.

# **MORTAR DESIGNATIONS**

Class (iii) for walls ABOVE DPC by volume

Cement : Lime : Sand 1 : 1 : 6 Cement : Sand 1 : 5 to 6

Class (ii) for walls BELOW DPC by volume

Cement : Lime : Sand  $1: \frac{1}{2}: 4$ Cement : Sand 1: 3 to 4



#### **RENDERING**

Builders considering the use of proprietary single coat render systems must exercise caution to accurately adhere to the render manufacturers' design and specification guides. Furthermore, during application, strictly adhere to the specific and expansive application instructions, paying particular attention to prevailing weather conditions applied thereto. PLEASE NOTE that traditional rendering applications are not so seasonally and conditionally demanding.



technical helpline: 01977 673221

<sup>\*</sup> Please consult our Technical Department for further information.