

Lay-Lite

Lightweight concrete blocks



Lay-Lite solid lightweight blocks are produced using responsibly sourced and sustainable high-quality sands and aggregates. Suitable for ground conditions below DPC (7.3Nmm² and above). Compliance with EN1996-1 Group 1 Manufacturing Standard BS EN 771-3:2011

Product Code	3001400	3001410	3001610
Product Type	Lay-Lite		
Thickness (mm)	100	100	140
Size L x H x W (mm)	440 x 215 x 100	440 x 215 x 100	440 x 215 x 140
Compressive strength (N/mm ²)	4.2	7.3	7.3
Form	Solid		
Paint Grade	No	No	No
Ground Condition Suitability	Above ground	DS1	DS1
Metres per pack (m ²)	9	9	6
Blocks Per Pack	90	90	60
Dry density (kg/m ³)	900–1050		
Approx weight (kg)	9.8	9.8	14
Thermal Conductivity W/mK λ ₁₀ , dry	0.28		
Fire Resistance ¹ (Hours)	4		
Reaction to Fire	Euro Class A1 (Non Combustible)		
Sound reduction value ² (dB)	45	45	47
Sheer Bond Strength (N/mm ²)	0.15		
Durability to Freeze/Thaw	On application		
Carbon reduction*	Greenbloc Standard up to 50%, Greenbloc Ultra up to 80%		

¹Figures shown are the nominal fire ratings based on single block wall in a loadbearing situation, faced both sides with plasterboard and skim

²Includes 2 layers of plaster

*Compared to a standard OPC (Ordinary Portland Cement) block