

Rollalong Building System

Generic Multi-Storey Building Performance

Counter Terrorist Compliance	Criteria	
Stand off fence line	50m	Walls and ceilings designed to MoD Guidance note 2
Stand off car park	25 – 50m	
Glazing standard	Normal	Enhanced performance glazing as an option

BREEAM Rating	Rating	
	Excellent*	*Dependent on some external factors

Thermal performance	Elemental values	
Wall	0.25 or 0.29	A SBEM analysis of the whole building is carried out, these elemental figures are used as a guideline and will be modified for specific project requirements
Ground floor	0.25	
Windows	1.6	
Roof	0.25	

Acoustic Performance - Airbourne	Average-measured values	
Bedroom – bedroom wall	50	Building Regulations $\geq 45D_{nT,w} + C_{tr}$ Rollalong standard performance at least $5D_{nT,w}$ better
Bedroom – bedroom ceiling / floor	50	

Acoustic Performance – Impact	Average-measured values	
Bedroom – bedroom ceiling / floor	58	Building Regulations $\leq 62 L'_{nT,w}$ Rollalong standard performance at least $4L'_{nT,w}$ better

Air Permeability	Average-measured values	
	6-7 m ³ /h.m ²	Building Regulations 10m ³ /h.m ²

Please call 01202 824 541 for your Rollalong modular building solution.

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