



SO YOU THINK YOU KNOW ROLLALONG? CREATE YOUR SPACE THE ROLLALONG WAY

- **ENGINEERING SOLUTIONS** flow line technology
- **SAFETY** our most important value
- **WASTE REDUCTION** up to 90% less
- **MINIMAL LOCAL DISRUPTION** reduces deliveries by 80%
- **REDUCES RISKS** guaranteed deliveries, shorter site times
- **FIXED PRICES** right first time
- **CUSTOMER FOCUS** long term partnerships

ROLLALONG ENGINEERED QUALITY BUILDINGS



ROLLALONG DELIVERS

Rollalong is a Design and Build contractor who use factory engineered building elements to enhance the construction process. Our depth of experience and a wide range of building designs can provide solutions to single and multi storey construction, volumetric or sectional (open span) layouts.

Rollalong has a strong track record of delivering successful projects for the Ministry of Defence, Education, Healthcare, Housing Associations and with cutting edge Property Developers.

Building projects range from multi million pound PFIs for MOD blast resistant single living accommodation, multi-storey urban or key worker apartments, nurseries, pre-school and general education buildings, healthcare, ward and respite environments and specialist housings.

Rollalong is part of the Newship Group; a British, privately owned manufacturing conglomerate with an annual turnover of approximately £140 million employing over 650 people.

The Newship Group's operating philosophy is to focus on its customers by delivering quality products and service. Rollalong is committed to these values and consistently strives to exceed its clients' expectations.



SUSTAINABILITY

Rollalong create sustainable buildings. The Holistic design process will ensure that the building achieves the energy rating target, BREEAM, DREEAM or Ecohomes.

The procurement team ensures materials are responsibly sourced and fully documented (FSC etc.).

The Manufacturing team minimise waste, by using pre-prepared materials, full segregation of any waste products, local recycling and those materials we cannot recycle are dispatched to a regional recycling contractor.

The site teams are provided with over 80% of the building complete from the factory and through well trained and experienced site managers we minimise site waste and time.

And finally, should the building be not longer needed, we will recycle the building, leaving just the foundations, the totally sustainable product.

ROLLALONG BUILDING SYSTEM CAPABILITIES

HOLISTIC APPROACH TO DESIGN

A traditional design process will focus on the external appearance and structural elements and then fit in the building services and internal layout. At Rollalong we have found another way. We do not separate the Structural, Architectural and M & E Services disciplines; they act as an integrated team lead by a Project Manager through each building project. Close interaction of the disciplines ensures that a building is designed inside out, ensuring a Holistic design to maximise the best use of space and service provision.

"We put the end user at the heart of our design process."

STRUCTURAL SOLUTIONS

We use light steel framing to produce a wide range of building forms to create robust, stable buildings capable of rapid construction with simple connections.

Multi storey construction for a hotel or an apartment block use light steel framing, creating a line loaded structure where party walls carry the majority of the service loads. The standard design has been developed to 7 storeys although enhancements will add more floors if necessary.

Open span accommodation for teaching, office or conferencing facilities will be provided in a steel sectional design allowing 12 to 15m internal span and increased ceiling heights.



H.D.A

L.D.A

XPAND

LINX

SERVICES

MAXIMISE FACTORY FITOUT

All work on site can be disruptive, uncontrolled and reactive. Rollalong aim to minimise this by carrying out as much work as practical under factory controlled conditions. Furniture, finishes, M & E installations including plantrooms and water storage, lift shafts and stairwells are factory finished.

REDUCE RISK – IMPROVE COST CERTAINTY

Factory production means that costs are fixed, no weather delays, year-round production, in warm dry conditions with excellent lighting and logistics means that the variables of site work have been eliminated.

Our buildings arrive on site and are rapidly erected; a 100 bed accommodation block may take just 1 week. As the assembly of units is waterproof, work to complete both internal and external works can be programmed concurrently, minimising the remaining site period.

‘Rollalong projects are delivered on time, on budget and with quality.’

FASTER CONSTRUCTION PERIODS

Rollalong’s combination of factory production and site completion will give you a quicker overall development period than using other forms of construction.

Our construction team of experienced Project and Site Managers are skilled at dealing with the special needs of working on Ministry of Defence and Ministry of Justice sites.

ROLLALONG RESIDENTIAL

Rollalong build successful residential developments, using Bungalows, Houses, Town Houses and Apartments. As well as offering value for money, our building system is ideal where disruption to the locality needs to be minimised or very rapid build periods are required. Our building system is accredited by BLP (Building Life Plans) and all of our developments have offered an NHBC or Zurich 10 year Building warranty. Our products have been approved for domestic mortgages by the Council of Mortgage Lenders.



IMPROVE CONSTRUCTION SAFETY

“Factory production is inherently safer than site construction.”

In the factory the work is brought to the operative; it is presented at the right height, with all of the materials, tools and consumables necessary to carry out the work - right first time.

Site work, in comparison, puts many challenges in the way of each operative prior to even starting the work. The walk across the site and up the scaffold to the workface, carrying the tools of the trade, arranging for local deliveries of material, often by hand, and using elaborate safety protection procedures under variable weather conditions.

ROLLALONG IS BEST VALUE

Whether you need a multi-storey apartment block or a relocatable building, Rollalong is competitive with other forms of construction. Rollalong has an impressive track record and consistently delivers first-class, cost effective accommodation quickly with the minimum of disruption.



ROLLALONG MODULAR BUILDING GENERIC PERFORMANCE

COUNTER TERRORIST	COMPLIANCE CRITERIA
	Approved for use in Military Accommodation

BREEAM RATING	RATING
	Excellent* *Dependant on some external factors

ACOUSTIC PERFORMANCE - IMPACT	AVERAGE-MEASURED VALUES
Ceiling/floor	58 - 60 Building Regulations \leq 62 Lntw Rollalong standard performance at least 4 DLntw better

ACOUSTIC PERFORMANCE - AIRBORNE	AVERAGE-MEASURED VALUES
Party - wall	50
Ceiling/floor	50
Building Regulations $> \leq$ 45Dntw+Ctr Rollalong standard performance at least	

AIR PERMEABILITY	AVERAGE-MEASURED VALUES
	3-5 m ³ /h.m ² Building Regulations \leq 10m ³ /h.m ²



THERMAL PERFORMANCE	ELEMENTAL
Wall	0.24
Ground Floor	0.2
Windows	1.6
Roof	0.17
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	
Combined with top up insulation in the roof space	

FOR A QUALITY BUILDING SOLUTION CONTACT:

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