

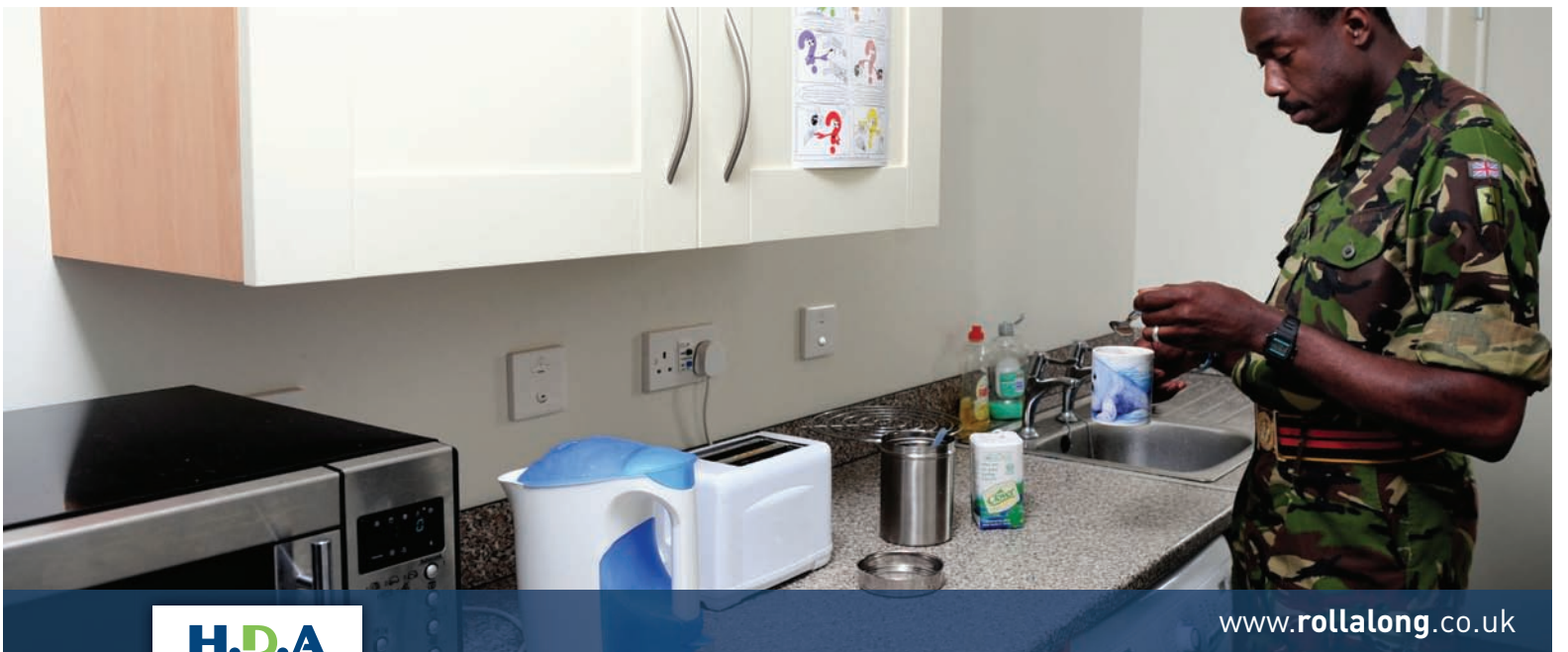


SINGLE LIVING ACCOMMODATION MODULAR CONSTRUCTION

PROJECT ALLENBY/CONNAUGHT
Tidworth, Larkhill, Warminster and Aldershot Garrisons

- **PROJECT** New living accommodation for Senior Ranks and Officers
- **VALUE** £60m
- **PROGRAMME** Assets delivered through 2006 to 2012
- **CLIENT** MoD
- **CONTRACTOR** Aspire Defence PFI
- **ARCHITECT** Scott Brownrigg

ROLLALONG ENGINEERED QUALITY BUILDINGS



H.D.A

www.rollalong.co.uk



Rollalong was awarded a £60 million, 7-year contract by Aspire Defence to design, manufacture and install accommodation for Junior and Senior Ranks and Officers in Aldershot and Salisbury Plain under Project Allenby/Connaught, the Ministry of Defence's PFI programme to upgrade British Army accommodation.

At Tidworth Garrison, Rollalong's immediate objective was to deliver new modern living accommodation in time for the imminent return of the 2nd Royal Tank Regiment from Germany. Rollalong successfully accomplished this task with minimum disruption to the operation of the garrison.

In the first 16 months of the contract, 198 modules produced 14 eight person terraced houses and 153 en-suite bedrooms in cluster flats.

Each house and cluster flat has a communal lounge, kitchen and laundry room, with separate individual storage spaces for each soldier. In the flats there are also changing rooms for those soldiers that live outside Tidworth Garrison.

Rollalong delivers modules fitted with carpets, vinyl and/or tiled floors, all mechanical and electrical services as well as kitchen furniture and en-suite bathroom sanitary goods. Rollalong erects the modules and co-ordinates the installation of stairs, distribution of M&E services and finishing in all the common and circulation spaces.

For the Ministry of Defence, the Rollalong Building system produces counter terrorist compliant accommodation modules. The buildings, with a maximum of three storeys, have an approved foundation/anchorage interface to resist uplift and the ability to absorb blast energy by deformation without collapse.

KEY BENEFITS

SPEED OF DELIVERY

Aspire Defence chose modular construction due to the fast speed of delivery which ensures minimal inconvenience to any garrison, in line with the MoD's requirements. The modules are manufactured in the factory whilst site preparation and groundworks take place. This reduces construction time by up to 30% when compared to traditional build.

SUSTAINABILITY

Rollalong delivered modular accommodation blocks which achieved the "Excellent" BREEAM Rating. Using a volumetric manufacturing process reduced the production of waste to just 1.8% of total material used (WRAP research) by using initiatives like, for example, having non-packaged materials delivered direct to the production line. In 2010, Aspire Defence Capital Works received a RICS Sustainability Award with what judges described as "an exceptional sustainable project".



ROLLALONG BUILDING SYSTEM

The Rollalong Building system is designed to provide up to seven storey high buildings for clients that exceed building regulations and the relevant British Standards performance values and has a minimum 60 year life span.

Rollalong use a large module size to reduce the number of deliveries. Generally this is a bedroom/corridor/bedroom format in a size range 3.6 to 4.2m wide by 12 to 16m long.

FOR A QUALITY BUILDING SOLUTION CONTACT:

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HIGH QUALITY

The modules are manufactured in a factory environment that is controlled by an ISO 9001:2008 system. The manufacturing process produces high performance reliable buildings with excellent thermal efficiency and acoustic performance, which exceed Building Regulation standards.

HEALTH AND SAFETY

The Rollalong Building system has helped contribute to the excellent Health and Safety record on Project Allenby/Connaught. The large modules reduce Health and Safety risks with less transportation, craneage and working at height.

MINIMUM DISRUPTION

The manufacture of the modules off-site means less labour on site, which is beneficial with the strict security requirements of a working Ministry of Defence establishment. Additionally there is less waste, less noise and less transport, resulting in minimal disruption.