

**Press Release**  
**14<sup>th</sup> April 2010**

## **Renderplas in Largest MoD Construction Project**

***The largest barracks improvements for service personnel in the UK, feature external walls newly rendered with military precision using PowerBead PVCu beading from Renderplas to ensure well-regimented joints, corners and edges.***

PowerBead is Renderplas's new generation of PVCu beading, offering the contractor significant time and cost savings. Concrete Repairs Ltd, specialist in external envelope renovation, selected Renderplas to supply the 6.5km of beading needed for rendering at Tidworth as part of Project Allenby/Connaught.

Aspire Defence, a joint venture between Carillion and KBR, is delivering Project Allenby/Connaught, the largest infrastructure PFI ever let by the Ministry of Defence. The quality of life for over 18,700 soldiers, 20% of the British Army, is improving thanks to the provision of modern, high quality, fully serviced and purpose built living and working accommodation across the garrisons of Aldershot and Salisbury Plain.



The Project is already significantly improving the lives of soldiers, at what is a crucial time for many, with more than 4,100 soldiers having already moved into their own single en-suite living accommodation. The new and refurbished buildings include Junior Ranks Single Living Accommodation (JRSLA) blocks, eight-man houses, dining facilities, mess halls, offices, stores, workshops as well as sports and leisure facilities which incorporate high performing materials in the external envelopes to improve overall efficiency.

Olu Ogunwale, Contracts Manager at Concrete Repairs, says energy efficiency of an external wall depends on materials and their use. "When selecting the optimum wall covering solution, we choose high quality materials and apply them exactly to specification. Even small details like using wire mesh or a metal bead can ruin the performance in critical areas by introducing potential thermal bridges."

Mr Ogunwale says Concrete Repairs, chose Renderplas as the only partner able to deliver exactly what was required. "We needed someone to supply a bead that would work equally well on refurbishment and new-build walls. We considered traditional stainless steel beading, but we knew



there would be performance issues and we were aware of its high cost, the difficulty of cutting it, and the potential for extra maintenance costs that occur if the arris is exposed.”

PowerBead was selected as it meets MoD requirements on sustainability and value for money. It is a second generation PVCu bead design, with beads fixed directly to the substrate without mortar, to save time and money. The beads’ extremely strong edges hold their straightness, while the wings flex to take up any irregularities in the blockwork.

Mr Ogunwale says: “Beware of lesser PVCu beads – PowerBead is the stiffest bead with the widest wing, which makes it so easy to work with. It’s simple to cut to size and it doesn’t flex when render is trowelled on. We have also found that its design saves render, as depth-setting is more accurate.”

Renderplas developed PowerBead with performance in mind – and no compromise in terms of style. The PowerBead range comes in colours that match today’s most popular renders. The PVCu material does not discolour over time, so exposed joints and edges will continue to match the colour of the building indefinitely. With the narrowest arris on the market, PowerBead is ideal for scratched or scraped finishes.

Renderplas was the UK’s first manufacturer of PVCu beads for the rendering, plastering and dry lining industry, and over the past 20 years has led the market with innovations and developments. PowerBead, introduced in 2007, is the first PVCu bead that truly outperforms stainless steel for both exterior and interior use and is available in eight profiles. The Renderplas trade range includes 25 bead profiles for external or internal use, and five profiles for skim plastering. Renderplas PVCu beads conform to BS EN 13914-1: 2005 External Rendering and are available through most leading builders merchants or direct from Renderplas on 01299 400340 or <http://www.renderplas.co.uk>

## **Ends**

### **Please send reader enquiries to:**

Richard Harley  
Renderplas Limited  
Stourport Road  
Bewdley  
Worcestershire  
DY12 1BD  
T: 01299 400340  
F: 01299 400195  
[enquiry@renderplas.co.uk](mailto:enquiry@renderplas.co.uk)  
<http://www.renderplas.co.uk>