

Project Profile



PROJECT NAME

BARGE ARM, GLOUCESTER

CLIENT

Crest Nicholson

ARCHITECT

Edward Cullinan Architects Ltd

NORDAN HELPS ARM DEVELOPER FOR SUSTAINABILITY

NorDan's windows and doors have been chosen to play a key part in the award-winning redevelopment of Gloucester's docks because of their high energy efficiency and sustainably-sourced timber construction.

Major property development company Crest Nicholson led the construction of a collection of stunning one and two-bedroom apartments at Barge Arm, nestling sympathetically among a number of Grade II listed Victorian warehouses on the 150-acre historic dockland site.

A winner of the Queen's Award for Sustainable Development, Crest Nicholson is committed to the construction of well-built and sustainable homes and the use of designs and materials that respect the UK's heritage and living environment. The majority of the apartments in the docks redevelopment project are rated BREEAM EcoHomes Excellent and NorDan's products helped achieve this.

According to Laura Marr of Edward Cullinan Architects Ltd, great care was taken in the construction to ensure it met the highest standards possible and fitted in with the historic surroundings. Highly insulated walls and sustainably-sourced materials were specified throughout.

"Balconies feature on the top floor of the Barge Arm building where the elevation is set back. The key to making the development extraordinary was to maximise the spectacular views out over the surrounding dock area, with corner windows and large areas of glazing," comments Ms Marr.

The architect chose NorDan's tilt and turn windows, fixed lights and exterior doors at penthouse level to help achieve this, while benefiting from NorDan's high thermal performance and low U-values. The windows are factory-finished timber with a white finish interior and three external colours – white, blue and grey.

Practicality in use was also a consideration. "As many of the windows face directly over



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the Barge Arm canal inlet it is also important that the windows can be cleaned from the inside, for which NorDan's tilt and turn windows provide the perfect solution," adds Ms Marr.

"This was another example of how NorDan's highest quality products can deliver what the modern property development industry needs in this environmentally-aware age. We are delighted to have played our part in the redevelopment of the heart of this historic town," comments Dareth Daley, sales and marketing director of NorDan UK.

Crest Nicholson's redevelopment of the docks won the Gloucester Civic 'Best Development' award and also helped it win the 'Best Volume House Builder South West' at the Zurich Insurance Building Guarantee Awards.

The Barge Arm development comprises two separate buildings that were completed in the autumn of 2006. All the apartments include water-conserving plumbing, low energy lighting, homeworking, natural drying and recycling facilities, and are designed with minimal circulation to maximise the area of the dwelling spaces. The development also includes 7,350 sq ft of ground floor space for retail, restaurant, café bar and office use, a multi-level car park as well as the 84 residential units.

For more information on NorDan and its ranges of high performance windows and doors, visit www.nordan.co.uk.