

Client: Adnams Plc  
 Area: 5,000sqm  
 Completion: 2006

## ADNAMS DISTRIBUTION CENTRE, SUFFOLK

The design of a distribution centre for brewer Adnams in Reydon, Suffolk - a building that can probably lay claim to being Britain's greenest warehouse.

In line with Adnams' corporate ethos of seeking to be a leader in environmental responsibility they have, together with the design team at AukettFitzroyRobinson, developed a strict brief to minimise environmental impact, while creating a building that will meet the needs of the Adnams business for years to come.

The 8,000m<sup>2</sup> logistics centre's unique combination of environmentally sensitive construction elements include:

- lime, hemp and chalk building blocks used for all walls using less energy to manufacture than conventional concrete blocks - with lime render finish. The blocks have been developed in connection with Lime Technology, and this will be their first commercial scale application in the UK
- car parking areas of reinforced grass
- solar collectors to heat the site's water, and rainwater harvesting
- foul water waste system including septic tank and reed beds, enabling water to be cleaned and delivered to an adjacent lake
- an earth covered roof that will create a meadow of grass and wild flowers, and act as a thermal buffer
- wooden glulam roof support beams to provide a column-free interior

A combination of rooflights and clerestory glazing will provide natural light to the interior, while office space has been added at first floor level on the southern elevation.

The new building is expected to receive an 'Excellent' BREEAM rating.

The site for the warehouse is a former gravel pit, currently grazing land, which will be landscaped to minimise the visual intrusion of the development.

