

# Barley Field, Oysterhaven.

NEW-BUILD | residential



Oysterhaven



## Performance

Energy Usage:	74.6 kWh/m <sup>2</sup> .yr
BER:	A3
Air tightness:	1.25 m <sup>3</sup> /h.m <sup>2</sup>

## Project Overview

To construct a comfortable sustainable family home, Making the most of the site orientation, utilising natural, recycled, ecofriendly chemical free materials.

## Challenges

To make a single storey in an exposed site as energy efficient as possible without compromising design. Local planning allowed only for a single storey dwelling , even with restriction to size and shape of the house, the owners designed the house to ensure the best internal design concepts, using the best materials (from an ecological standpoint) to provide a energy efficient home suitable for a young family.

## Strategy

Major challenge was to minimise penetration of the building to maintain airtightness (floor, ceilings and shell of the building). As this is an airtight house all services come into the house from underground and no lighting will reside in the ceilings.



Project Address:	Ballinwillin, Oysterhaven, Co. Cork.
Category:	New Build Residential
Entrant:	Stephen Ward Building Management and Finishing
Company founded in:	2002
Company Address:	Ballinaclesh, Belgooly, Co. Cork
Company Contacts:	Phone: +353 (0)87 994 4880 Email: <a href="mailto:steveward@eircom.net">steveward@eircom.net</a>
Architects name:	None
Specialities:	Carpentry
Building Type:	House – Private Dwelling
Size m <sup>2</sup> :	204m <sup>2</sup>
No of Floors:	1
No of Units:	1
Construction date:	Nov 2010

