

ECOCRIB CASE STUDY

Bellway Homes, Bollington



PROJECT IN BRIEF

LOCATION: Bollington, Cheshire

CLIENT: Bellway Homes

MAIN CONTRACTOR: Bellway Homes

STRUCTURAL ENGINEER: Betts Associates

MAX. RETAINED HEIGHT: 4.2m

FACE AREA: 258m²

PLASTIC WASTE DIVERTED FROM LANDFILL: 23 tonnes



PROJECT IN FULL

The Challenge

A site in Bollington, Cheshire needed a retained wall for a new housing development in progress, so they came to us for a solution. We offered our unique Ecocrib retaining wall system which has many advantages that benefit the environment and also the client.

We specialise in reinforced earth and retaining wall systems and with our new Ecocrib, and have offered design, supply and install packages for the system nationwide for many clients. Bellway Homes were very happy to proceed as the benefits were outstanding as opposed to any other retaining wall system available.



The Solution

An Ecocrib mass gravity retaining wall now supports the rear of Bellway Homes' new housing development. Designed, supplied and installed by PC Construction. Awarded a BBA HAPAS certificate in 2012 with a design life in excess of 120 years, Ecocrib is structurally robust yet the most highly sustainable retaining solution currently available for housing developments with retaining walls.

Developed from timber crib technology, the 50mm x 125mm Ecocrib profiles are considerably more durable than treated timber but possess many of the environmental benefits. Ecocrib profiles are manufactured entirely from recycled UK plastic waste with any wastage or surplus material re-processed to form new Ecocrib profiles. Ecocrib can be recycled when it reaches the end of its useful life.

258 SQM of Ecocrib was used on the scheme equivalent to 4.5 million plastic bottle tops or 23 tonnes of plastic waste diverted from landfill.



Bellway homes have used us numerous times for Ecocrib solutions as have many of the biggest house building companies in the UK and its becoming a trend, if you need a retaining wall then the best solution is the most beneficial solution, Ecocrib!

