

ECOCRIB CASE STUDY

Glasshoughton, Castleford



PROJECT IN BRIEF

LOCATION: A6539 Premier Way, Glasshoughton, Castleford WF10 5JW

MAIN CONTRACTOR: Waystone Ltd

ECOCRIB SYSTEM: Mass Gravity Wall

MAX RETAINED HEIGHT: 4.5m

FACE AREA: 1791m²

DESIGNERS: Geoman Limited

Waystone



GEOMAN LIMITED

PROJECT IN FULL



The Challenge

In 2015 a subcontract was issued to PC Construction for the design, supply and install of our Ecocrib Retaining Wall System by Waystone Ltd on their 335 acre development site in Glasshoughton near Leeds. The site presented a two wall challenge in this first phase of their project, one of which in the center of the site (270m²) and one at the southern boundary (1521m²). Waystone were very conscious of using a system that is certified, robust and sustainable but also offered the longest design life – Ecocrib ticks all the boxes when looking for a retaining wall solution.

The Solution

And now, over 1000 linear meters of aesthetically pleasing Ecocrib mass gravity wall has been designed, supplied and installed by PC Construction to kick off the latest phase of this land development project.

1791 SQM of Ecocrib was used on the scheme equivalent to approximately 35 million plastic bottle tops or 159 tons of plastic waste diverted from landfill.

In 2010, the Ecocrib system was developed by our MD Phillip Cross who has only the best reputation for retaining wall installations over his glittering career with PC Construction for the past 21 years installing everything from Gabion Baskets to Reinforced Soil and Reco Panels up and down the country.

Jon Atkin – Project Manager said;

“PC Construction provided an excellent design-and-build service, having been involved from the concept stage of the project. The long design life and obvious robustness of the Ecocrib system, in comparison with timber crib systems, ensured its immediate approval by our client. Once work commenced on site PCC increased resources to exploit a window of good weather conditions whilst foundations were constructed, ensuring that the walls were completed in an impressively fast time. Design changes required by the client were dealt with quickly and with the minimum of fuss. Overall, we enjoyed an excellent relationship with PCC and look forward to working with them again in the future.”

