

ECOCRIB CASE STUDY

Dale Moor View, Rossendale



PROJECT IN BRIEF

LOCATION: Dale Moor View, Haslingden Road,
Rossendale, Lancashire BB4 6NE

CLIENT: Taylor Wimpey, Warrington

Contractor: ADM Regeneration, Lymm

ECOCRIB SYSTEM: Mass Gravity

MAX. RETAINED HEIGHT: 5.0 m

FACE AREA: 700 m²

PLASTIC WASTE DIVERTED FROM LANDFILL: 58 tonnes



**Taylor
Wimpey**



PROJECT IN FULL



The Challenge

The Dale Moor View development was to be built on a prominent yet steeply sloping brownfield site; the grounds of the former Rossendale General Hospital. Situated within the beautiful Rossendale Valley the site has stunning views of the surrounding countryside. The retaining solution selected by Taylor Wimpey's remediation expert ADM regeneration, would need to be cost effective, achieve regulatory compliance, sustainable and built in a timely fashion. Furthermore approval by Taylor Wimpey, Rossendale Council's planning department & the NHBC (National House Building Council) was required.



The Solution

Elegantly flanking the main approach road to the housing estate, an Ecocrib retaining wall now supports a vehicle access road for several hundred metres steadily climbing up to a retained height of 5.0 metres. The mass gravity Ecocrib retaining wall was designed, built and constructed by PC Construction (PCC) for ADM. Ecocrib helped ADM achieve their key aims for this project as follows: -

- Ecocrib is one of the most **cost effective** retaining wall solutions available due to the use of recycled materials, efficient design and rapid installation.
- Ecocrib is designed and built strictly in accordance with its BBA certification and the relevant British/European Standards ensuring full **regulatory compliance**.
- Ecocrib is highly **sustainable** with profiles manufactured from 100% recycled UK plastic waste and combined with site-won recycled crushed concrete and brick fill.
- Ecocrib was rapidly installed in a **timely** fashion by PCC in just 3 weeks.

An Ecocrib retaining solution was approved by Taylor Wimpey and the planning department of Rossendale Council with Ecocrib's BBA certification facilitating swift approval by the NHBC.

Ritchie Mellor from ADM remarked that, "the Ecocrib system was the ideal choice of retaining solution for this project. With the fast and hassle-free installation by PCC we were able to accelerate the first phase of the programme. The use of site-won reclaimed fill significantly reduced mass export of fill from the site to a bare minimum. The client was very pleased with the finished result and we would look to use the Ecocrib system again in the future."

