

Case Study

ecoblendca

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# Isle of Grain Residential Development

Kent



1,334 T  
of material supplied



1,337 T  
of primary material saved



33.25%  
total cost savings\*

# Overview

As part of the early-stage infrastructure for a 24-unit residential development, a temporary car park and compound was constructed. Given the requirement for a reliable, regulation-compliant sub-base with fast turnaround and consistent supply, the choice of material was critical in enabling the site to proceed without delay.



## Scope of the work

The project required a high-quality, SHW 803/CC201-specification sub-base to construct a car park and compound that would facilitate access and operations during the full development cycle. As the area would be deconstructed at the end of the project, efficiency, cost control, and product reliability were non-negotiable.

## Material Requirements

We supplied 1,334 tonnes of Ecoblend® CA Type 1 from our Greenwich depot, laid to a depth of 100mm.

Ecoblend CA was chosen due to its:

- Superior product quality
- Material cost savings
- Ready availability



## Environmental & Economical Benefits



### Circular Economy

1,185 tonnes of IBA repurposed into IBAA



### Sustainability

1,337 tonnes of critical natural material served



### Material Efficiency

270 tonnes less material required\*



### Transport Efficiency

Material savings eliminated 28 additional lorry movements

## Outcome

Ecoblend CA delivered a high-performance sub-base that allowed works to be completed ahead of schedule. Lightweight deflectometer (LWD) testing confirmed surface stiffness met highway specification standards. The client praised both the material quality and the hands-on technical support provided during site operations.

“The site foreman was impressed with the visual quality of the product. Deliveries were swift and on time.” - Client.

\*Compared to a natural quarried material made to the same specification.