

Case Study

ecoblendma

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# Napier Way Logistics Park

West Sussex



10,000 T  
of material supplied



784 T  
less material required\*



4,000 T  
of IBA repurposed

# Overview

Napier Way is home to a state-of-the-art Net Zero Carbon logistics park, located in one of the South East's premier business districts. The development included three highly specified industrial units totalling 165,000 sq. ft. The project required secondary materials of the highest specifications to drive sustainable development.



## Scope of the work

The developments' extensive infrastructure work extended to external roads, car parks, and concrete floor slabs. It demanded materials that enabled the construction to be both sustainability-focused and cost efficient, whilst conforming to British product Standards and Highway Specifications.

## Material Requirements

Ecoblend® MA was selected as the material for foundation layers for external roads, car parks, and concrete floor slabs. 10,000 tonnes of 6F5 capping and Type 1 sub-base were used within this project, selected due to their:

- Reduced reliance on primary aggregate
- Compliance with SHW Specifications
- Ready availability



## Environmental & Economical Benefits



### Circular Economy

4,000 tonnes of IBA repurposed into IBAA



### Sustainability

Over 5,000 tonnes of critical natural materials saved



### Material Efficiency

784 tonnes less material required\*



### Transport Efficiency

Material savings eliminated 80 additional lorry movements

## Outcome

The selection of Ecoblend MA was a fundamental step towards achieving sustainable credentials, aligning to the project ethos, whilst ensuring the project's technical requirements were met.

This project demonstrates how recycled aggregates can be integrated successfully within sustainability practiced on a large scale. Alongside cost-efficiency, environmental benefits can be achieved, preserving finite resources, and reducing CO<sub>2</sub> emissions.

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