

Case Study

ecoblendma

Natewood Farm Building Base

East Sussex



5,687 T
of material supplied



446 T
less material required*



25%
material cost savings*

Overview

Natewood Farm, which has diversified to incorporate solar power production, successfully adopted Ecoblend® MA as their sustainable Type 1 aggregate for their site regeneration project. This was a considered decision to embrace the high quality, sustainable construction material for economical and environmental efficiencies.



Scope of the work

The site development encompassed completion of groundwork's for the new purpose-built warehouse facilities and storage barns, and easy access to these via construction of an adoptable road.

Material Requirements

The site project required high-quality Type 1 aggregate to provide strong, stable foundations.

Ecoblend MA Type 1 was selected as, in addition to being fully certified to aggregate standards, it provides:

- Increased cost efficiency
- Environmental impact reduction
- Ready availability



Environmental & Economical Benefits



Circular Economy

Over 2,500 tonnes of IBA repurposed into IBAA



Sustainability

4,784 tonnes of critical natural resources saved



Material Efficiency

446 tonnes less material required*



Transport Efficiency

Material savings eliminated 46 additional lorry movements

Outcome

Utilising the high-quality, sustainable Ecoblend MA delivered key benefits both in material and cost efficiency. The use of a 50% sustainable aggregate reduced the use of quarried aggregate, with 446 tonnes of critical natural material saved.

This case study demonstrates that projects can easily and confidently adopt high-quality, manufactured aggregates into sustainable practices to achieve substantial benefits.

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