



Phase 1, Airfield Farm, Market Harborough



Material Specification

6,000 tonnes of SHW Series 600 Class 1A Fill.

34,000 tonnes of SHW Clause 803 Type 1 Subbase.

Overview

Infrastructure for 70 two, three and four bedroom houses with associated roads and footpaths.

Delivery Partner

Breheny Civil Engineering.

Construction

IBAA (Incinerator Bottom Ash Aggregate) Type 1 subbase and IBAA Class 1A fill was used on the spine roads, footpaths, haul roads and reinstatement of all services inside footpaths. IBAA Type 1 subbase material was used in the compound areas to construct a flat and stable surface for car parking and office units which included material containers and welfare facilities. IBAA Type 1 subbase was also used to construct the haul roads, allowing access to all plant and vehicles.



IBAA Class 1A fill was used to build up to road formation level, ready to receive IBAA Type 1 subbase. It was also used to fill trenches underneath roads and footpaths.

Benefit

IBAA is an extremely cost-effective material when compared to Primary Aggregates and BP UK is working towards a verified Carbon Footprint. There are also advantages logistically when using IBAA due to the low density of the material allowing for fewer vehicle movements as this gives volumetric advantages over primary materials.

