



Project Gold, Severn Road, Bristol



Material Specification

800 tonnes of SHW Clause 803 Type 1 Subbase.

Overview

Construction of a 450m adoptable road with footpaths.

Client

South Gloucestershire Council.

Delivery Partner

Britannia Construction Ltd.

Construction

IBAA (Incinerator Bottom Ash Aggregate) was supplied from our Severnside plant at Avonmouth. IBAA Type 1 subbase was used on the roads, pathways and in the compound areas to construct a flat and stable surface for car parking. The roads were dug up to 700mm deep for the road box formation (cut and fill procedure). IBAA Type 1 subbase was placed at 200mm layers to build up levels to the underside of asphalt.



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.

