



London Gateway, Thurrock, Essex



Material Specification

130,000 tonnes of SHW Series 600 Class 1A Fill.

Overview

Infrastructure upgrade.

Client

DP World.

Delivery Partner

J Murphy & Son Ltd.

Construction

IBAA (Incinerator Bottom Ash Aggregate) Class 1A fill used to construct embankments for the grade separated intersection ramps. The embankment slopes were ~60 degrees in some places near the roundabout.



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.

