



Pilings Mats for Roscommon Way, Canvey Island, Essex



Material Specification

6,000 tonnes of SHW 600 Class 1A

Overview

Use of IBA Aggregate for piling mats

Client

Inner London Developments Canvey Limited

Delivery Partner

M G Cosgrove Construction Limited

Construction

The project was the development of industrial and commercial units along with landscaping access and parking.

The material was delivered in approx. 20 tonne loads, supplied from our Tilbury Dock facility and placed using a dozer, and then compacted using a Bomag 120 vibrating



roller. More than 300 piles were then driven to a depth of up to 20 metres using a 69 tonne rig for the first 2 units.

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.