

MARINE AGGREGATES IN CONSTRUCTION

CHANNEL TUNNEL TERMINAL



Source: Eurotunnel

BACKGROUND

Work on the English terminal at Folkestone started back in 1988.

A large land-fill operation was required in order for the terminal to be constructed.

On leaving the terminal, the track travels 8km south to the English tunnel portal at Cheriton in Kent.

The terminal site was completed in early 1993 and includes passenger and freight handling facilities, British and French frontier controls, staff headquarters and a control tower.

CONSTRUCTION NOTES

Marine coarse and fine aggregate was used extensively in concrete for the terminal with much of the concrete being batched on site.

CONSTRUCTION CATEGORY

Structural concrete, visual concrete, pre-stressed concrete

END USE CATEGORY

Built environment, transport infrastructure

CASE STUDY 6

This case study forms part of a library of case studies demonstrating the successful use of marine aggregates in construction