

MARINE AGGREGATES IN CONSTRUCTION

CROSSRAIL



Source: Crossrail

BACKGROUND

Crossrail is Europe's largest construction project. Stretching from Maidenhead and Heathrow in the West, across to Shenfield and Abbey Wood in the East, the new railway line will cover over 100km of track including 21km of new twin-bore rail tunnels and nine new stations.

Up to 24 trains per hour will operate in the central section between Paddington and Whitechapel during peak periods, with each train able to carry 1,500 passengers. An estimated 200 million people will travel on Crossrail each year.

When the project opens in 2018 it will ease congestion, offer better connections and change the way people travel around the capital.

CONSTRUCTION NOTES

Eight Tunnel Boring Machines will be used, creating a tunnel diameter of 6.2m, to depths of 40m. 250,000 concrete segments will line 42km of Crossrail tunnels.

CONSTRUCTION CATEGORY

Structural concrete, sprayed concrete

END USE CATEGORY

Built environment, transport infrastructure