

Øresund Fixed Link

Description of the assignment

The Danish Technological Institute (DTI) was consultant for the Owner at the Øresund Fixed Link project. The Fixed Link is a combination of a bridge and an immersed tunnel between Denmark and Sweden. DTI was connected to the Swedish part of the project responsible for the Bridge.

The Task

DTI provided the following services within the contract:

- Preparation of Technical Notes as basis for the Concrete Specification. The topics in the technical notes were: concrete requirements, conformity procedures, protection against evaporation, resistance of concrete to fire, temperature and stress requirements, alkali-silica reactions
- Preparation of the concrete specifications
- Consultancy regarding quality and documentation during construction phase
- As built documents and technical documents after the completion of the project
- Five years inspection of almost all concrete parts of the bridge and railway structures

Contact Person

Director, Dorthe Mathiesen, dma@dti.dk, +45 7220 2205

Customer: Øresundsbro Konsortiet

Place: Bridge between DK and SE

Size of the project: 16 km fixed link

Sum of the assignment: > 9 mio DKK

Contract period: 1994-2006

