



Broughty Ferry Coastal Walkway

Durable Concrete

Sika Concrete System:	Corrosion Resistant Micro Silica Concrete, Sikaflex®-AT Construction
Client:	Dundee City Council
Contractor:	Torith Limited Civil Engineering Division
Concrete Supplier:	Hanson Premix

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A durable, high quality concrete, able to withstand the hostile marine environment was an essential requirement for the recent refurbishment and upgrading of the scenic coastal path and sea wall that links the harbour at Dundee with Broughty Ferry. A specialist mix containing **Sika** admixtures was supplied to the project contractors, Torith Ltd's Civil Engineering Division, by Hanson Premix from their local Dundee plant.

Sika Technologists, working closely with Hanson Premix, designed a concrete mix to meet the demands of this project. **Sikacrete® L** microsilica slurry was used to enhance the strength, impermeability and abrasion resistance; **Sika Ferrogard®-901** for protection of the steel reinforcement from chloride attack and **Sika Control 40** to reduce the potential for shrinkage.



Expansion joints along the walkway were sealed with **Sikaflex®-AT Construction** multi-function joint sealant, part of the revolutionary new range of hybrid adhesives and sealants recently launched by **Sika**.

The walkway was originally built in 1923, and is often described as one of Dundee's hidden treasures, with views across the River Tay to Fife. Apart from the work to the sea walls, the two-year, £800,000 refurbishment to the walkway has included resurfacing and replacement of rails and barriers.

Sika Concrete Systems

Specialist Concretes

- Corrosion resistant concrete
- Micro-silica concrete
- Underwater concrete
- Early strength concrete
- Self-compacting concrete

Admixture Range - premix and precast concrete

- Concrete admixtures
- Mortar admixtures
- Grouting admixtures
- Powdered admixtures

Watertight Concrete

- Solutions for basements and swimming pools
- Watertight jointing systems
- BBA certified
- 40 year track record



For further information or to discuss your project requirements
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