

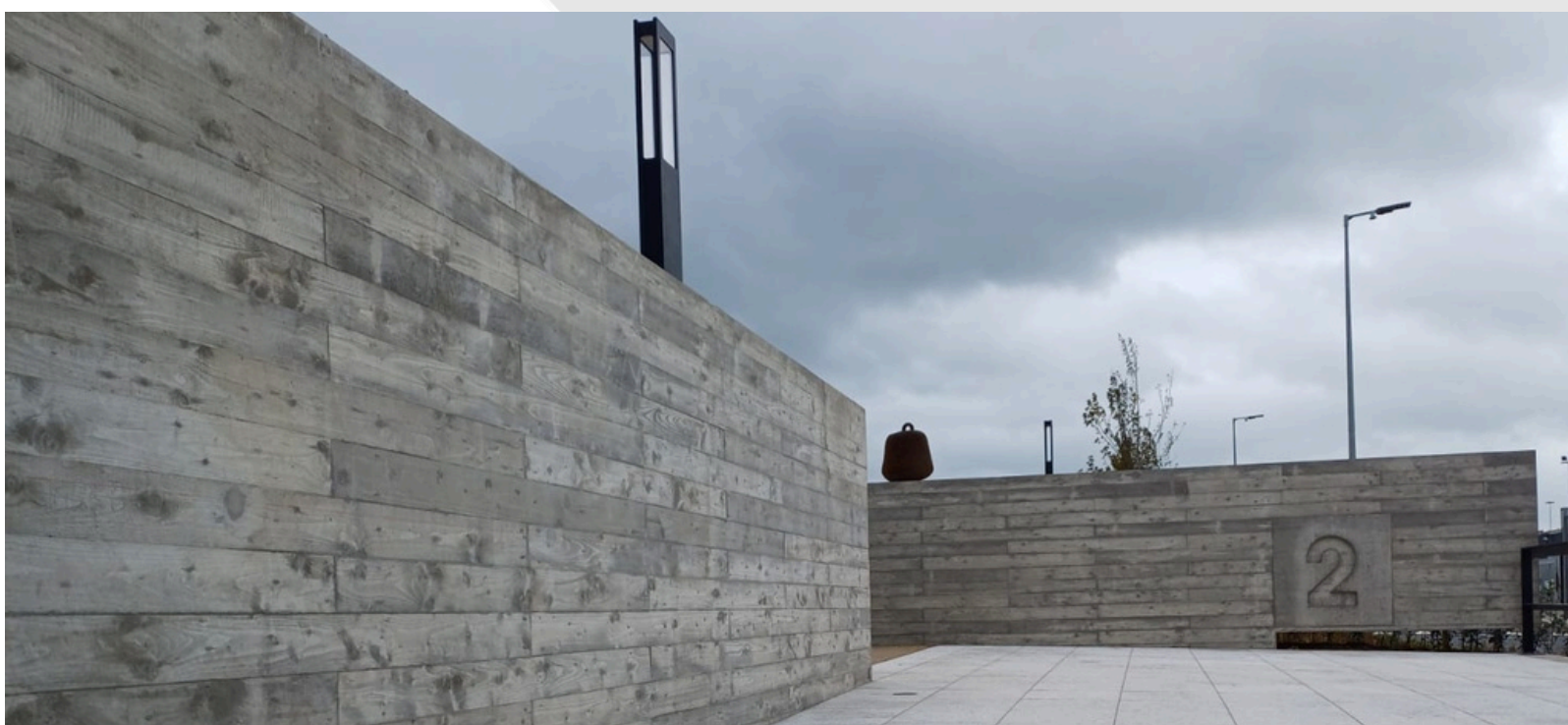
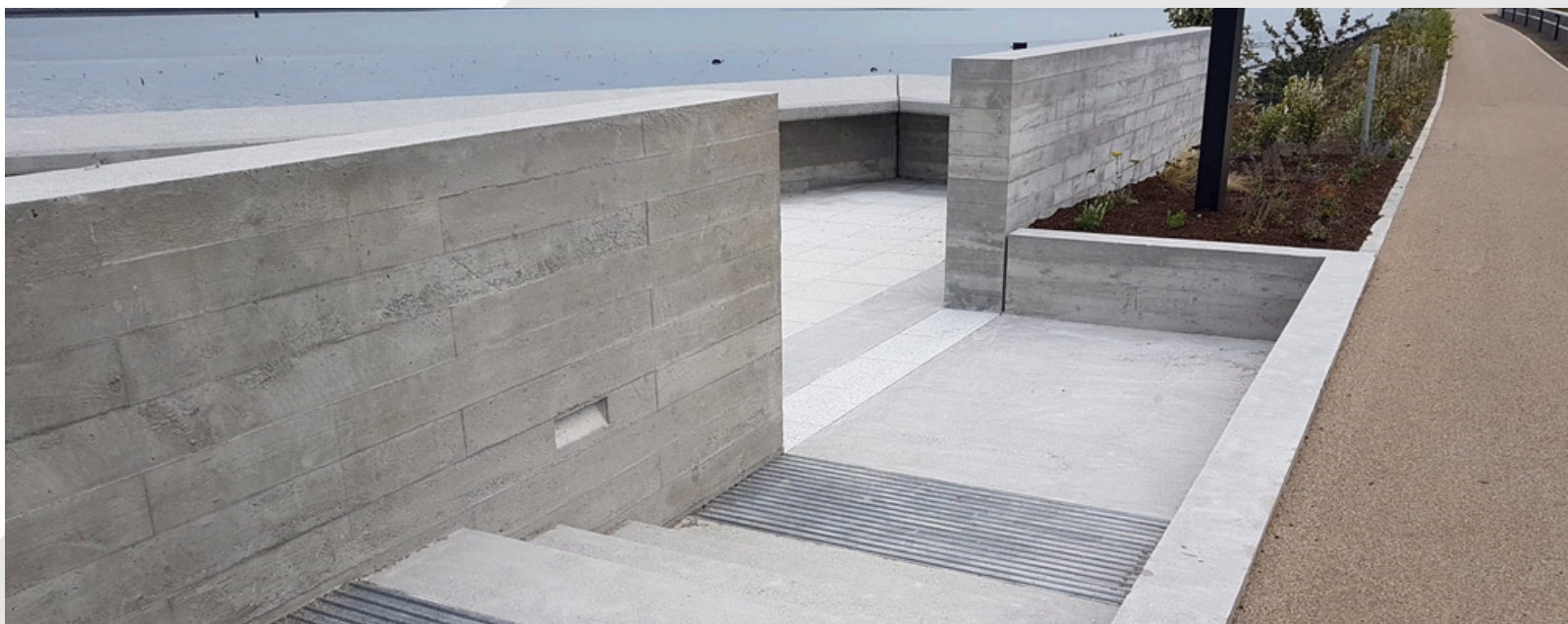


case study

Dublin Port Greenway

Northern Port Lands, Dublin Port, Co. Dublin

Featured Products: **Ready Mix Concrete**



Dublin Port Tolka Estuary Greenway is a dedicated cycle and pedestrian route along the northern perimeter of the Port overlooking the Tolka Estuary. The Greenway is a transformative public amenity that opens access to Dublin's Port. This 2 kilometer greenway provides a safe and welcoming space for walking, running and cycling, connecting people with a previously industrialised area in a way that is both accessible and enjoyable.

A key aspect of this project is its commitment to sustainability. . The concrete for the greenway was supplied by our South Bank Road plant, located just 10-15 minutes from site. This proximity reduced transportation emissions and ensured the consistency and quality of the concrete delivered to the greenway. The supplied concrete was produced using a concrete mix with a minimum of 30% of the cementitious content replaced with GGBS. Our electric concrete trucks also supplied this project, playing it's part in reducing Kilsaran's carbon footprint.

The design of the concrete walls featured a board-marked finish, chosen to create a natural woodgrain texture on the exposed concrete. Designed using a specialised architectural grade concrete mix for this element, ensuring the intricate details of the grain were captured while maintaining the strength and durability required. For such high-quality visual concrete, the quality and proportioning of ingredients is vital.

Tight control of aggregate grading, particle shape, moisture content and cleanliness enhanced the appearance of the concrete finish. Consistent control of input materials, above what is required for conventional ready-mixed concrete, was vital to the achievement of a high-grade concrete appearance.

The final result is a strikingly textured finish that elevates the design of the greenway, demonstrating the potential of concrete to combine both durability and functionality with aesthetic appeal.

Concrete Products & Aggregates:
Ready Mix Concrete

Main Contractor:
Wills Bros Ltd

Architect:
Darmody Architects & TTT thirtythreetrees

Consulting Engineer:
ROD Consulting Engineers

Client:
Dublin Port Company Ltd