



Continuous Concrete Pontoon

Technical Specification Sheet



Inland and Coastal Marina Systems Ltd. developed the Continuous Concrete Pontoon in response to the markets need for an economical berthing and/or attenuation option in semi exposed sites. The CCP, although lighter, offers many of the same benefits as the heavier breakwater system. It is the ideal berthing platform for Super-yachts and heavier commercial vessels

Uses

- Attenuation of waves to protect inner berthing
- Berthing of Ferries
- CTV Berthing for offshore windfarms O&M bases
- Superyacht Berthing
- Berthing of work vessels

Benefits

- The CCP offers an advantage over steel and aluminium pontoons because of its weight. The increased mass improves the wave dampening properties of the pontoon. For this reason it is a suitable pontoon option for semi- exposed sites
- The high weight of the CCP also offer's clients a very stable pontoon option, with reduced motions.
- The CCP has a continuous surface which enables clients to use the pontoon in more innovative projects such as cycle paths or public walkways
- High yield stainless steel wire rope connections and IRHD 70 rubber buffers combining both high strength and high flexibility.
- C50/60 concrete offering a high strength unit
- Galvanised Reinforcing Steel is used throughout the CCP to ensure longevity of product
- Glass Reinforced Concrete Base Skin to protect the floats from damage and prevent buoyancy loss





Technical Information

Live Loading

4kN/m²

Design Codes

BS6349 & Eurocode 2

Concrete

C50/60

Steel & Reinforcement

Designed to Eurocode 2, Hot Dipped Galvanising to EN ISO1461

End to End Connections

4Nr. 32mm Ø - Stainless Steel Connectors (per joint) with 2Nr. IRHD 70 Rubber Buffers

Fendering

Hardwood timber, extruded rubber profiles, recycled plastic, PVC, composite fenders

Surface Finish

Top surface with non-slip brush finish

Mooring

External Piles, Internal Piles or Mooring Systems using Mooring Hooks or Mooring Tubes

Floatation

500mm Freeboard; 15kg/m³ Polystyrene Floats with a Grade 18 GRC Base Skin