

Access

Technical Specification Sheet



Safe access interfaces between land and floating facilities is one of the most important aspects in and marine design. We at Inland and Coastal Marina Systems Ltd. recognise the importance of safe access to waterbased facilities and will discuss with you your needs to find the right solution for you and all your users.

Options

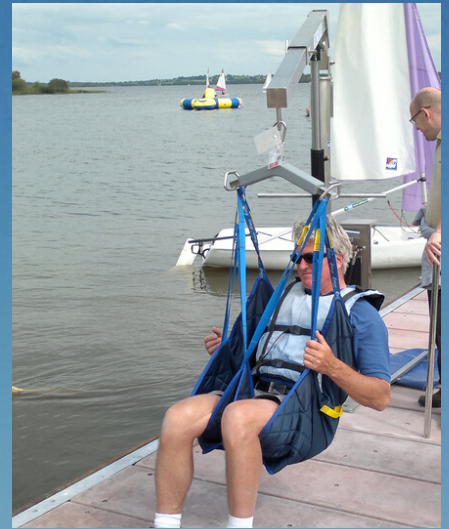
- Access Ramps (Steel or Aluminium)
- Sea Stairs (Steps Which Self Level with the Tide)
- Cantilever Frames, Shore Frames and Piled Platforms
- Disabled Access Hoists
- Security Access Gates and Barriers



Benefits

- ICMS Engineers will consider the access issues for the client and propose a suitable solution complying with best practice guidance. All access ramps and sea stairs are individually customised to suit the range and type of motions that will be experienced. Where required we also design and install cantilever platforms and other gangway/shore connections
- ICMS provide glassfibre-reinforced plastic mesh on all access gangways and sea stairs which provide excellent anti-slip properties. Mesh panels can also be provided on the side of the access ramps. These features will ensure the safety of all users.
- We can provide standard and bespoke access gates with a variety of access control systems available.
- ICMS will provide the client with access solutions for disabled users either in the form of a disabled hoist, a long ramp with appropriate gradients or a double ramp, so that everyone can gain access to and enjoy the water





Technical Information - Access Ramps

Steel

Grade S235 (Aluminium available on request)

Welding

All Welds - 6mm CFW

Galvanising

Hot Dipped Galvanising to EN ISO 1461

Painting

Galvacoat Paint (Optional)

Connections

M24 Galvanised Bolts - Grade 8.8

Handrail

40mm CHS (Double or Single)

Design Load

2.5kN/m² (Restricted Access) or 4kN/m² (Unrestricted Access); other loadings on request

Surface

Silicon Grit Anti Slip surface available in light grey, sand or green and a variety of thicknesses

Dimensions (Length)

Up to 30m, other lengths available on request

Dimensions (Width)

1.2m or 1.5m between the handrails as standard, other widths available on request