

STEEL, ALUMINIUM AND NORDIC PINE ACCESS RAMPS

GENERAL FEATURES

Structure	Truss structure with options in steel, aluminum or Nordic pine, according to customer needs and application
Deck	Exotic wood provided with non-slip slats; optionally in composite materials
Flexibility	Adaptable compatibility for each application
Live load, side loading	Evenly distributed over deck of 2.5kN/m ² ; horizontal load of 1kN/m applied on the side deck
Accessories and options	Depending on the type of use, access ramps can be designed for special overloads, namely 4kN/m ² for unrestricted access and 5kN/m ² for unrestricted public use. Design and manufacturing capability to meet special requirements.

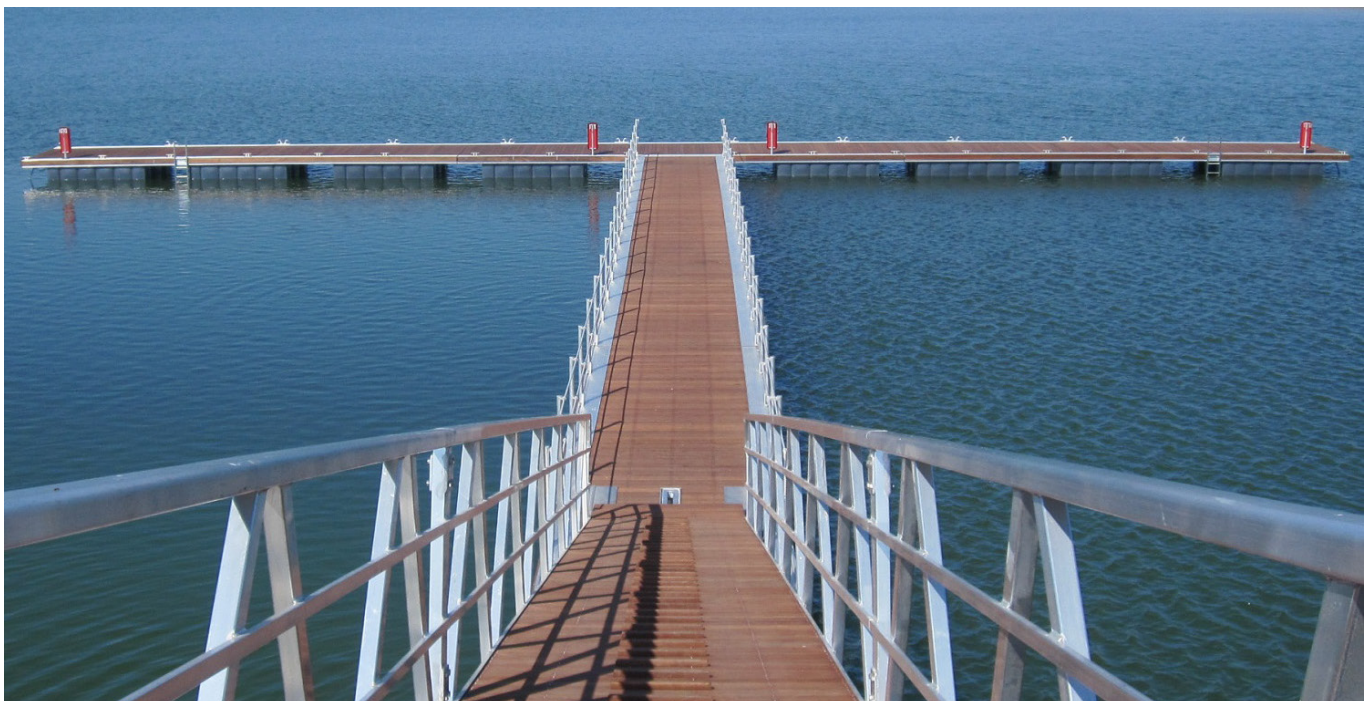
APPLICATIONS

- Access to floating docks in marinas, harbors and fishing docks
- Pedestrian access

Access ramps are one of the key pieces of a nautical infrastructure, and can be used for pedestrian access or for access to the floating facility.

Access ramps can have a steel, aluminum, or Nordic pine structure, in line with the specifications of our Sagres, Faro, and Dockit floating equipment range, respectively.

Lindley has developed optimized and proven calculation methods and manufacturing processes in ramps produced over the past years. Structural performance is optimized in terms of strength and deformation for the load conditions defined for each project. Our team of engineers studies the behavior of the structures according to the defined specifications.



MARINE ALUMINIUM ALPF RAMPS

TECHNICAL SPECIFICATIONS

Structure	Truss structure with marine aluminum profiles
Dimensions	Preferably manufactured with standard dimensions in lengths from 8 to 20m, and working widths of 1.0, 1.5, 2.0 and 2.5m
Live load	Overload of 2,5 kN/m ² , 4 kN/m ² or 5 kN/m ²

OPTIONS

Fasteners and fittings	Both the upper and lower ends of the dock ramp can be provided with uniaxial, biaxial, and roller pivots, which allow for angular movements in the vertical and horizontal planes
Hull support bridge	May have their own flotation at the lower end
Illumination	Can be supplied with its own lighting

