

WALCON

WALIFLOTE

HEAVY DUTY CONTINUOUS BUOYANCY FLOTATION UNIT

The original Waliflote pontoon unit was developed for the heavy services loading that was required with the Brighton marina pontoon facility.

The pontoon, now evolved, comes complete with either a concrete deck finish with hardwood fenders or a traditional pontoon finish with a galvanised steel frame clad in hardwood timber boards and fender.



Waliflote and S21 Deck



Annalong Harbour, N. Ireland



Shamrock Quay, Southampton

Waliflotes offer continuous buoyancy and therefore exhibit wave attenuating characteristics which can be used to good effect in areas where wave heights are marginal for safe marina development.

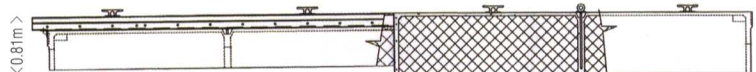
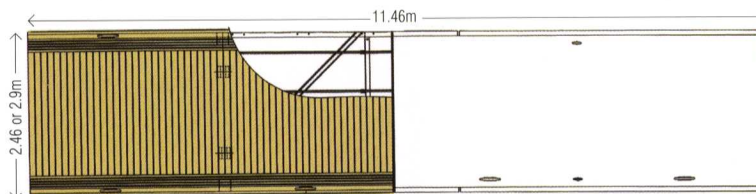


Penarth Water Taxi, Cardiff Bay



Jumbo Waliflote, 11.46 x 2.9 x 0.95

Waliflotes are continuous buoyancy concrete floats. They are cast in one section and may be used alone or in conjunction with System 21 walkways to provide an exceptionally stable and maintenance free pontoon. Two standard depths are offered providing alternative freeboards and loading capacities.



SPECIFICATION

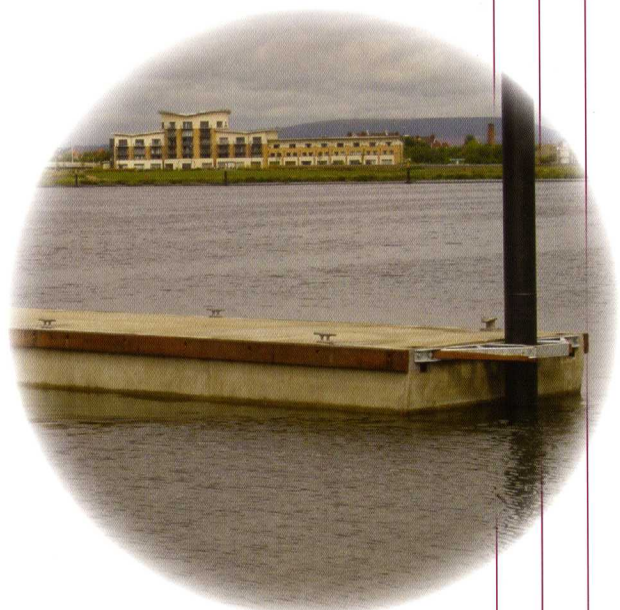
Structure: Steel reinforced concrete walls, glassfibre concrete deck, expanded polystyrene integral buoyancy and elastomer base protection.

Decking: Waliflotes may be used with System 21 deck superstructures providing all the features of System 21 or used alone with a concrete deck to which epoxy screeds, paints and other decorative treatments may be added.

	WALIFLOTE	SUPER WALIFLOTE	JUMBO WALIFLOTE
Dimensions	11.0 x 2.46 x 0.61	11.46 x 2.46 x 0.95	11.46 x 2.9 x 0.95
Weight	7.5t	10.0t	12.0t
Freeboard with deck	500mm	650mm	700mm
without deck	350mm	500mm	550mm
Live Load	3kN/m ²	5kN/m ²	5.5kN/m ²

Other variations are possible, subject to design.

Flexible connections – The proven flexible couplings comprise compressed rubber blocks, through bolts, castle nuts and split pins. This ensures security and prevents vertical and lateral misalignment but allows vertical angular movements of the adjacent units. No noise is generated by the connection.



Jumbo Waliflote and End Pile