



INTERMARINE

LAGUNA

Designed for use in marinas with well sheltered locations and for areas with a high risk of corrosion.

LOADING

The design structural loadings are specified on the 'General Design' datasheet. The standard stabilised vertical loadings are applied between ducts.

FREEBOARD

The system has a minimum unladen freeboard of 500mm.

STRUCTURE

Each unit has a welded aluminium structure comprising standard sections and specially commissioned extrusions. The aluminium alloy is 6082T6.

DECKING

Standard decking is 145mm x 21mm hardwood boards with a special grooved profile. There are a number of further decking options (see 'Decking' datasheet). The decks are fixed with stainless steel screws.

SERVICE DUCTS

Service ducts are provided down both sides of all walkways as standard. The duct size is 220mm x 90mm deep. Duct covers are anodised aluminium in 2m sections.

A continuous PVC service support tray can be provided in the duct as an optional extra.

CLEATS

Walkways are designed for fitting Intermarine standard cast aluminium cleats at 1m centres. Fingers up to 7m long have 4 No. cleats fitted as standard and fingers of 8m and longer have 6 No.

The cleats have a 2 tonne inline breaking load.

MOORING OPTIONS

PILES This is the preferred method of mooring pontoons. Standard guides for bolting to the sides of walkways are available with low friction linings for piles with diameters up to 500mm. Special designs for incorporating the piles within the width of the walkway, larger piles or roller bearings can be offered.

FLEXIBLE MOORINGS Standard connections for chains or ropes ranging from simple brackets to special designs are available.

RADIUS ARMS Designs using A frames or radius arms have been developed but would be custom designed for each site. This mooring option is commonly used for linear berths in rivers or canals.

High resistance to sea water corrosion

Modular pontoon systems with comprehensive range of standard units. Special sizes on request

Standard walkway loading of 1.5kN/m² with option for 2.5kN/m²

Walkways available in nominal widths of 2.5m, 2.0m and 1.5m

Continuous ducts with anodised aluminium covers as standard

Concrete or polyethylene floats on walkways

Finger pontoons available in multiples of 1m from 4m to 10m

Polyethylene floats on fingers

Universal finger pontoon positioning

Optional continuous duct liner

Optional integral white PVC fender on walkways

Universal pile guide adjustment

Cast aluminium cleats



LAGUNA

STANDARD UNITS / WALKWAYS		NOMINAL SIZE
LW1 PE		10m x 2.5m
LW2 PE		12m x 2m
LW3 PE		12m x 1.5m
LW1		10m x 2.5m
LW2		12m x 2m
LW3		12m x 1.5m

STANDARD UNITS / FINGERS		NOMINAL SIZE
LF10		10m x 0.8m
LF9		9m x 0.8m
LF8		8m x 0.8m
LF7		7m x 0.6m
LF6		6m x 0.6m
LF5		5m x 0.6m
LF4		4m x 0.5m

FLOATS

CONCRETE

- Professionally manufactured under quality controlled conditions
- Expanded polystyrene core
- Stainless steel reinforcing
- Stainless steel fixing bolts

POLYETHYLENE

- Medium density polyethylene casings
- Single piece rotary mouldings to Intermarine design
- Fused closed cell polystyrene core

WALKWAYS

Standard **walkways** are supplied with concrete floats but may be fitted with polyethylene floats in catamaran layout as an option.

CONCRETE	LENGTH	WIDTH	DEPTH	WEIGHT (KG)
DF0	2.87	2.37	0.810	1845
DF1	2.37	1.87	0.735	1150
DF2	2.87	1.50	0.750	1150

POLYETHYLENE	LENGTH	WIDTH	DEPTH
RF554	1.95	0.55	0.45
RF555	1.95	0.55	0.525

FINGERS

Standard **fingers** are fitted with polyethylene floats.

POLYETHYLENE	LENGTH	WIDTH	DEPTH
RF517	1.10	0.50	0.70
RF506	1.50	0.50	0.60
RF507	1.50	0.50	0.70
RF508	1.50	0.50	0.80
RF706	1.50	0.70	0.60
RF707	1.50	0.70	0.70
RF708	1.50	0.70	0.80
RF906	1.50	0.90	0.60
RF907	1.50	0.90	0.70
RF908	1.50	0.90	0.80

Measurements in metres

Intermarine Ltd practises a policy of continuous development and reserves the right to alter specifications without notice.



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