

Microbubble Generator Floatation Platform

What is the Product?

The Solari Microbubble Generator Floating Platform is a product that is designed for use where the microbubble generator needs to be floated on rivers, dams, lakes, aquaculture ponds and similar situations.

The platform comprises specific FloatBricks which are easily bolted together with supplied bolts, covered by marine ply, with the microbubble generator attached to the marine ply platform.

There are two platform designs available, both with room to move around the microbubble generator with ease. The larger platform could also hold a petrol or diesel generator power source. Two safety rail options are also available.

The platform can be easily extended at additional cost and should a larger platform be required Solari would be pleased to quote for this. This could be important where additional microbubble generators are required as an example.

Should a walkway be required to extend from the bank to the floating platform, this can also be supplied at additional cost using the same float system.

Examples of the floating platform are shown at right, with the photos also showing a walkway to the platform if required.

There is no restriction as to the length of walkways should they be needed.



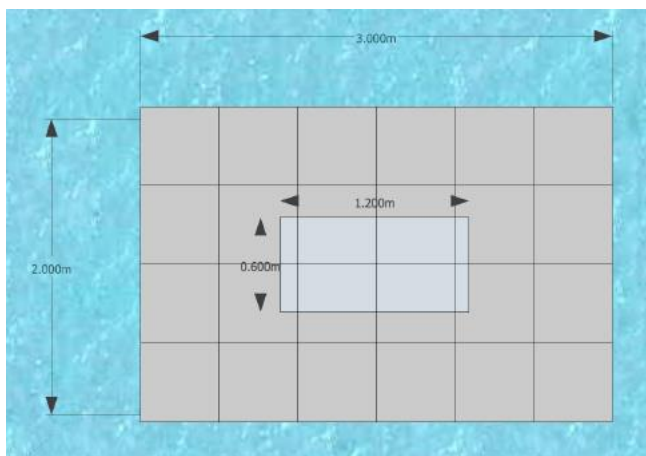
Floating Platform Specifications

Modular Design gives high tensile strength, impact strength and is quick to assemble and reconfigure	
Dimensions	L 500mm x W 500mm x H 400mm
Weight per brick	7.0kgs
Wall thickness	3-5mm
UV Stabilisation (% of total material mass)	0.3%
Draft Unloaded	3cm
Material	High Molecular Weight High Density Polyethylene (HMW HDPE)
Expected Life	Greater than 15 Years Under Normal Operating Conditions
Maintenance	Nil
Eco Friendly Materials	Can all be recycled
Safety – Anti Slip Surface Designed to Ensure safety	

Design Options

Two design Options are available:

Option 1:

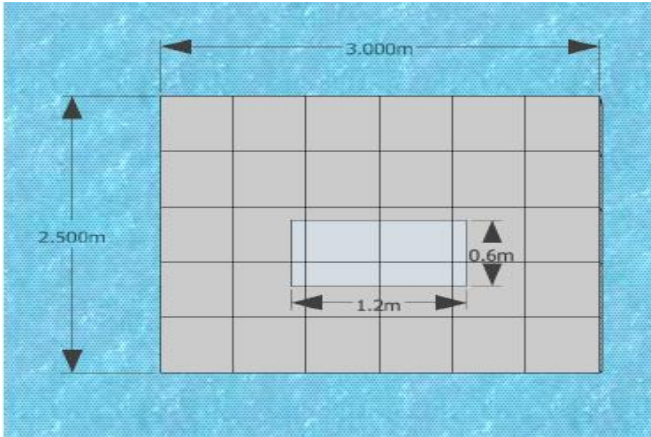


In this design the microbubble generator sits in the middle of the platform with good walkway space around it

This is well suited where the power source is not on the platform e.g. grid or solar power.

Can also be used with diesel or petrol power where the generator is land based.

Option 2:



In this design, the microbubble generator is mounted further front, leaving room for a diesel or petrol generator to be placed on the platform behind the unit.

Safety Rail Options:

Where a safety rail around the platform is required, two options are available.

Option 1:



In this option, the rails are positioned every metre, positioned 500mm from each corner.

Wire or rope can be used with this option and is the cheapest option of the two

Option 2:



This option encloses the railings with multiple bars. It is a stronger option and is the most expensive of both options

Discuss with your sales advisor which option is best suited to your situation, keeping in mind any regulations that must be adhered to for the situation.

Tethering:

The platform is simple to tether using rope, steel wire or other materials. Each corner of the platform can tie off with the tether then secured to posts or other solid structures.

Consider any current when tethering to ensure a strong enough tether is deployed.

Warranty:

The Solari Microbubble Generator Floating Platform comes with a 5-year manufacturers warranty against manufacturing defect. Supplied Parts ex-factory.

Accessories have a 1-year warranty

General wear and tear are not covered by warranty