



PT. Bright Spark Indonesia

Corrosion Prevention & Cathodic Protection System
Mechanical & Electrical

Jakarta : Perkantoran Apart. Laguna Lt 2 No. 41, Jl. Pluit Timur Blok MM
Jakarta Utara 14450 - Indonesia
T: (6221) 29030968 F: (6221) 29030950
Website : www.brightsparkindo.com
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Surabaya : Perum Graha Sampurna X / R-6
Wiyung - Surabaya 61256, Jawa Timur
Tel/Fax : (6231) 7524719

Modular Float System - The Best Solution for Float



Marina, Jetski dock, Fishing farm, Swimming pool, Floating tent...



Improve life quality and create welfare for all human being



PT. Bright Spark Indonesia

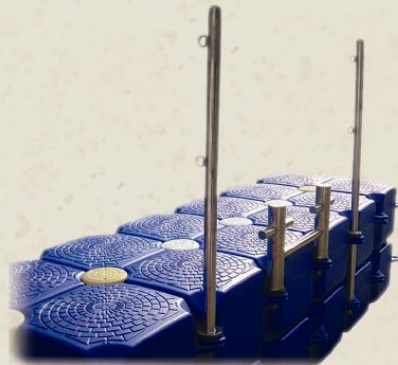
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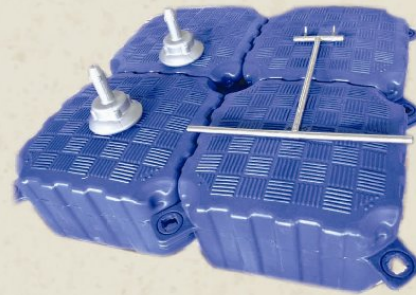
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Specification

Small Cube: 500x500x400 mm
Weight: 7 kg
Diagonal lugs' tensile strength: over 1950kg.
(test speed is 50mm/min)
Compression load: over 3500 kg/sqm
Load Capacity: over 350 kg/sqm
Color: blue, black, gray and yellow, etc
Material: HDPE
Quantity/Container:
216 pcs/20'GP, 460 pcs/40'GP, 552 pcs/40'HQ.
(4 pcs = 2x2 pcs = 1 square meter)

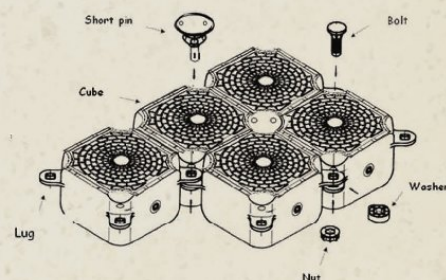


Large Cube: 666x666x400 mm
Weight: 11kg
Diagonal lugs' tensile strength: over 1950kg.
(test speed is 50mm/min)
Compression load: over 3500 kg/sqm
Load Capacity: over 350 kg/sqm
Color: blue, black, gray and yellow, etc
Material: HDPE
Quantity/Container:
144 pcs/20'GP, 306 pcs/40'GP, 360 pcs/40'HQ
(9 pcs = 3x3 pcs = 4 square meters)



Installation

The main features of the Modular Float System are the four fixing lugs around the cube and the short pin in the middle which holds the four lugs coming together when we assemble 4 cubes. In this module system way, we can expand the assembled surfaces to any form, any size as we wish. The Modular Float System can also be used for 2 or 3 layers of pontoon fixing with long pin.



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Application

Safety: with patterns on the top surface, Modular Float System is free from the dangers caused by slippery surfaces, splinters and rusty nails usually found on wooden walkways. Also it has no sharp corners and is stable enough to walk on.

Versatility: can be used widely in various fields.

Economy: free maintenance and low upkeep.

Convenience/Simplicity of Construction: can be easily quickly installed and dismantled.

Color: with colors of blue, black, gray, and orange, etc

Durability: resistant to UV rays, frost, seawater, corrosion, chemicals, and oil.

Changeability/Resolvability: one connecting pin holds four cubes together-permitting the assembly of any size and any configuration on the water and the assembly can be changed to meet the requirements.

Recycle: HDPE, 100% recyclable, environmentally friendly.

High Compression: Average compression load is over 3500 kg/sqm.

Strength: Diagonal lugs' tensile strength is over 1950kg approved by the official authorities; test speed is 50mm/min. (This is the **MOST IMPORTANT ITEM** to the quality because the connecting is the foremost factor to the pontoon's quality.)



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Features

Marinas, jetty, floating dock.

Jet Ski docks.

Drive on docks.

Floating work platforms used in industry, communal projects, and navy engineering, etc.

Aquatic stages for water shows and activities.

Pontoon bridges.

Landing for sailors, rowers, water-skiers, surfers or navy vessels, etc.

Net cages for aquaculture.

Swimming Pool, swimming area.

Floating walkways.

Bathers' play rafts.

Bases of outdoor aquatic beer bars, coffee shops, rest shelters, or floral decorative displays, etc.

Motorized barges (powered by electric motors).

Floation anchored raft islands.

Judge-stages for aquatic sport games.

Water-boundary markets.

Enclosures and separators for water treatment plants.

Aquatic life-guarding platforms.

Breakwaters.

(Remark: Any engineering structure can be designed and installed to meet with the needs and requirements.



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Accessories



Small Cube: 50x50x40cm



*Half Cube: 50x50x30cm
(For Jet Ski Dock)*



Large Cube: 66.6x66.6x40cm



*Long Pin: 63.5x18x4.8cm
(For Double Layers of Small Cube)*



*Short Pin: 24x18cm
(For Small Cube)*



*Short Pin: 24x20cm
(For Large Cube)*



*Long Screw & Nut: 52x4.6cm
(For Double Layers)*



*Long Screw & Nut: 24x9cm
(For Jet Ski Dock)*



Short Screw & Nut: 18x9cm



Cleat: 25x18cm



*Ramp/Bumper: 60x10x15cm
(For Jet Ski Dock)*



Washer: Dia. 9cm, Thk. 1.8cm



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Accessories



Railing: Ht. 1m, Dia. 8cm



316 SS Single Railing



EVA Fender



316 SS Double Bollard



316 SS Single Bollard



316 SS Cleat



316 SS Swimming Ladder



Galvanized Steel Pile Guide



Aluminum Power Pedestal



*Torque Wrench
(Tool for Pin)*



*Nut Wrench
(Tool for Nut)*



*Flooding Key
(Tool for Flooding)*



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Photo Gallery



Floating Dock



Floating Dock



Floating Dock



Jet Ski Dock



Jet Ski Dock



Jet Ski Dock



Floating Platform



Floating Platform



Floating Platform



Fishing Farm



Pontoon Bridge



Floating Tent



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Photo Gallery



Floating Dock



Floating Dock



Floating Dock



Pontoon Bridge



Floating Tent



Fishing Farm



Chinese Dragon Boat Game



Floating Tent



Floating Platform



Water Park



Floating Platform



Floating Dock



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