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Installation manual

Modular floating dock

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Installation Manual

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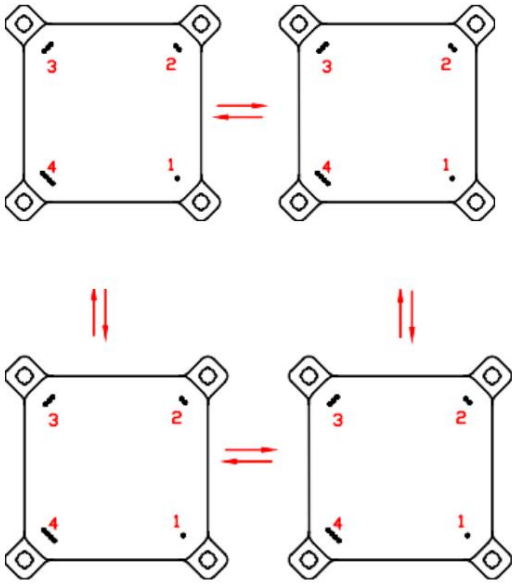
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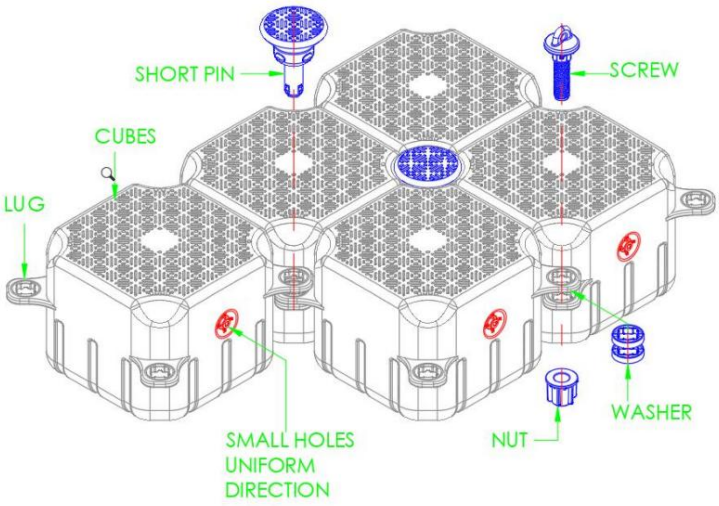
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The main characteristics of the modular floating dock system (modular plastic cubes) are the four fixing eyelets around the cube and the short pin in the middle which holds the four eyelets together when we assemble 4 cubes. In this modular system, we can extend the assembled surfaces to Any shape, any size, as we wish. Please position the **instructions.** **at 4 as below:**

° 1





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1. Assembling the cubes:

Locate the identifications by dots n ° 1 to 4 as below, install the cubes according to the position shown below.

In order 1, 2, 3, 4, we can then get the cubes to come together and enlarge the cubes to the size we want.

by maintaining a uniform level of the quay surface.

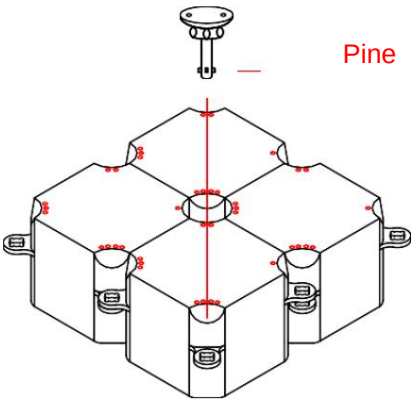






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2. Assembly and locking of the short pins:



Step 1

Insert an assembly pin in the middle of the 4 eyelets of the correctly positioned cubes 1-2-3-4. Ensure the surfaces are well
Otherwise, it will be difficult to insert and rotate them.
Next. Use the stainless steel tool to rotate the
pins to lock them in place.

Step 1: Insert the pine cone into the middle of the eyelets

Use the stainless steel pin wrench to turn and lock the eyelet.

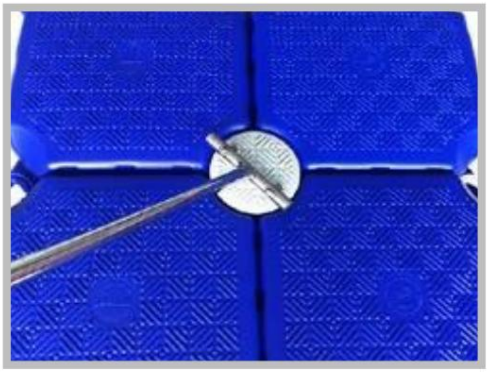
Step 2: Insert the 2 hooks of the pin wrench into the 2 holes of the pine. Insert them by placing the tool horizontally and bringing it back to a vertical once the hooks are inserted.

Step 3: Turn a quarter turn (45°) to lock the pin in place.

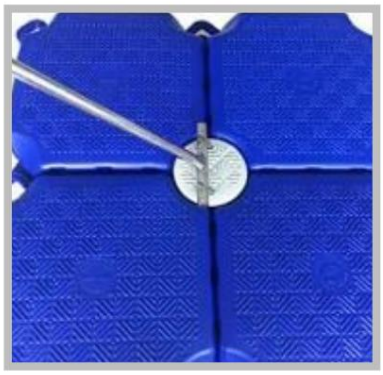
Step 4: Remove the pin wrench.

Step 5: Check that the pin is in the locked position

Step 2



Step 3-4



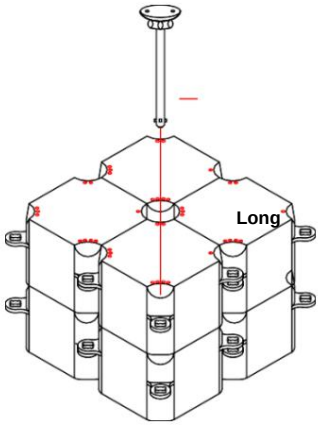
Step 5



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3. Assembly and locking of the long pins:

Place the long pin in the middle of the double layers and through the 8 assembly eyelets. Using the stainless steel pin wrench, turn it 45° to lock the long pin in place. This is almost the same procedure as installing the short pins.

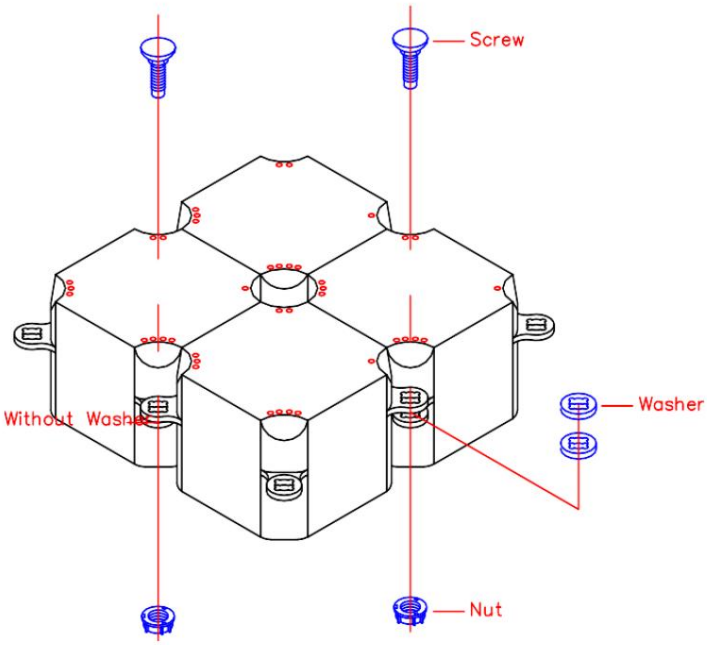






4. Installation of short bolts and nuts:

Use the same bolts for installing dock fenders and pile guides.



Insert the plastic **bolts** into the eyelets that overlap around the edge of the dock. Lock **the nut** with a **wrench.** stainless steel **nut .** If there is a space between eyelets/legs #1 and #4, Place two washers to fill this space ; it doesn't need washers for the eyelets if there is no space between them.

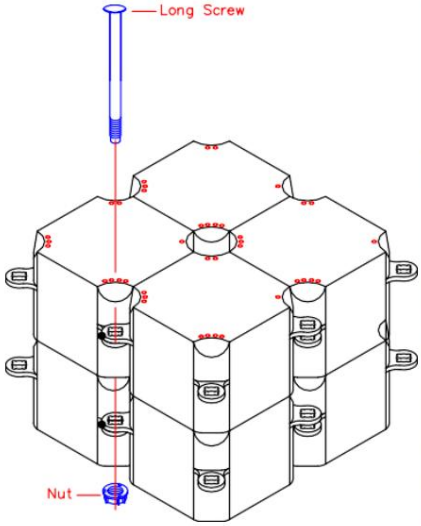
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5. Assemblies of long bolts and nuts for double-thickness mounting

Please pass the long screw
through the paws of
double-layered cubes on
the matrices and lock
the nut with a nut wrench
It's made of stainless steel.
almost the same thing
that the installation of screws and
short nuts.

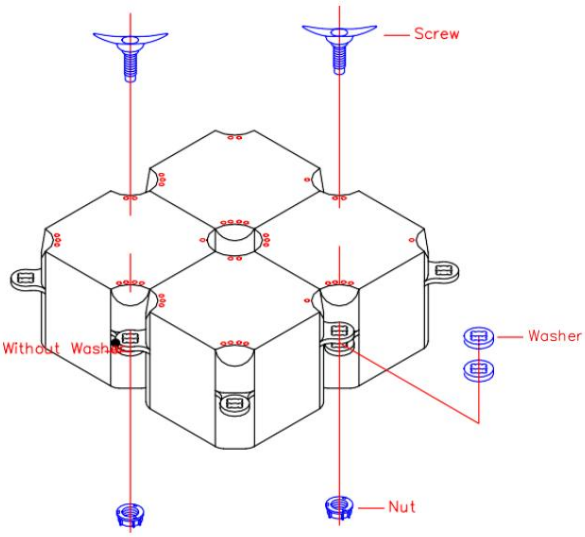




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6. Installation of HDPE cleats:

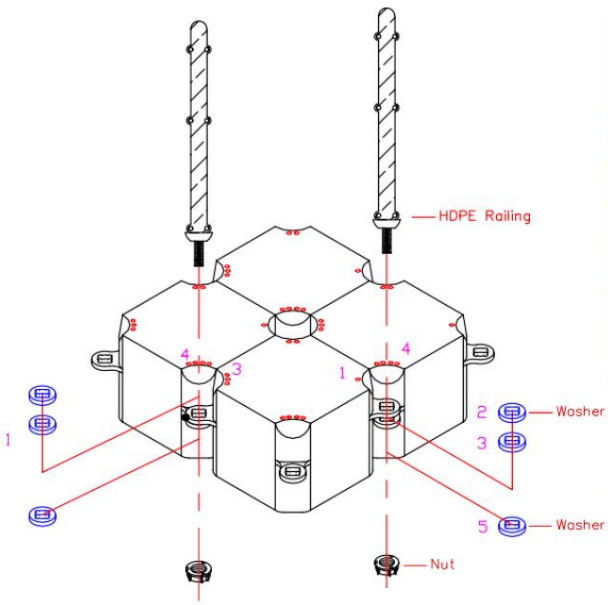
Please insert the **cleat** through the eyelets on the sides and lock **the nut** with a stainless steel **nut wrench . This is almost the same as installing the short and nut.**





7. Installation of guardrails:

Please place the **handrails** through the eyelets on the sides and tighten the nut with a stainless steel nut wrench. Note that each handrail requires 3 washers for added rigidity.
Importantly, the rings of the guardrails must be aligned vertically.



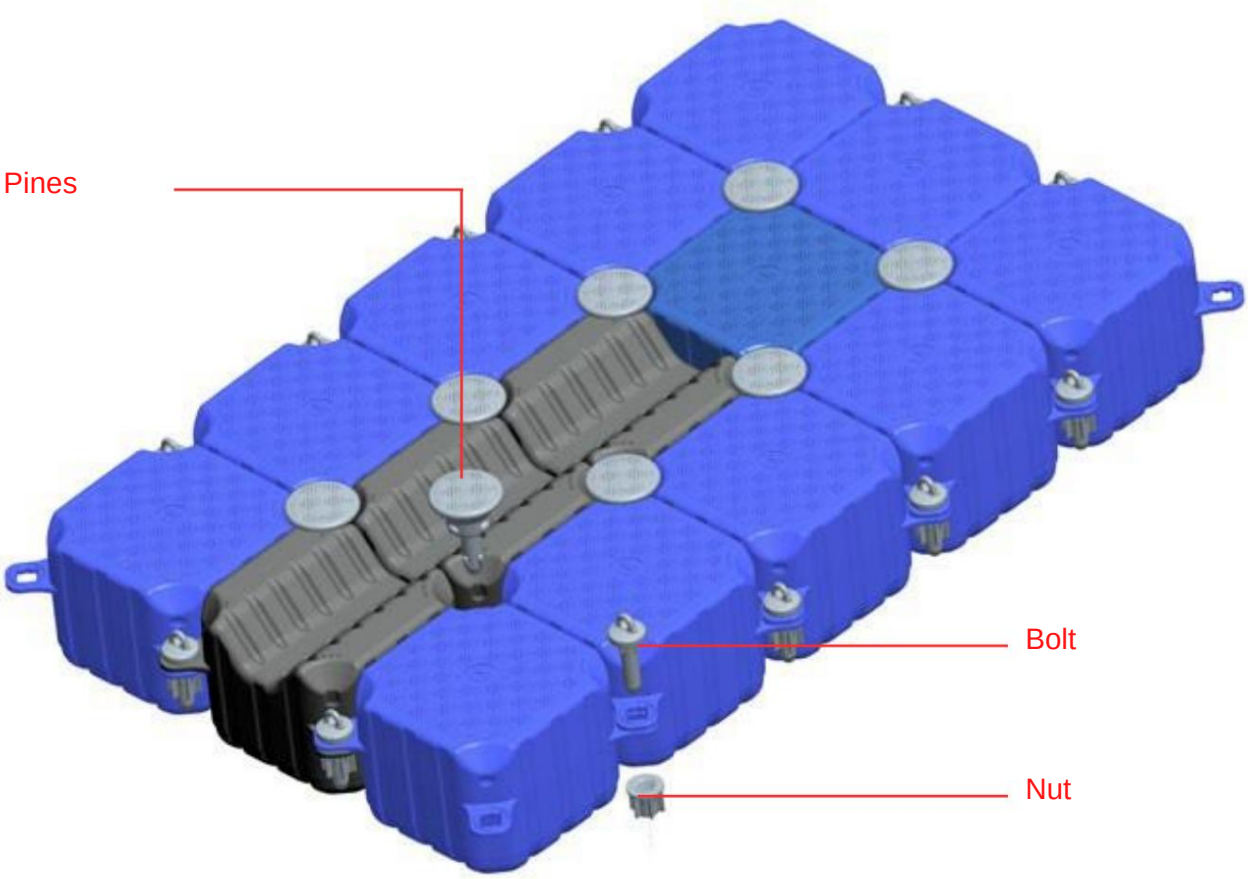




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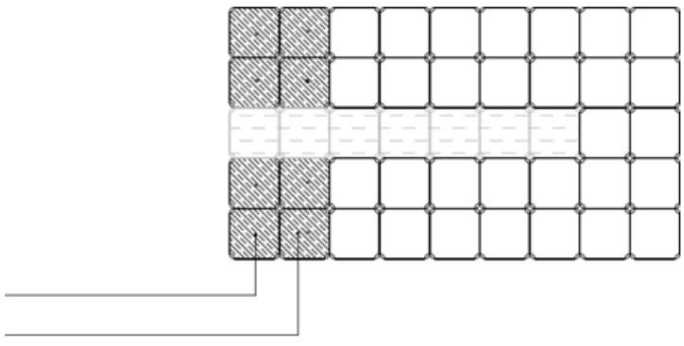
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8. Dock assembly with V-shaped cubes for light craft.



(approximately 14 cm cubes).

8.1 Fill the 2 rows of cubes with water. Please note that the first row of cubes should be filled with approximately 70 liters of water (approximately 28 cm cubes), and the second row of cubes should be filled with approximately 35 liters of water.

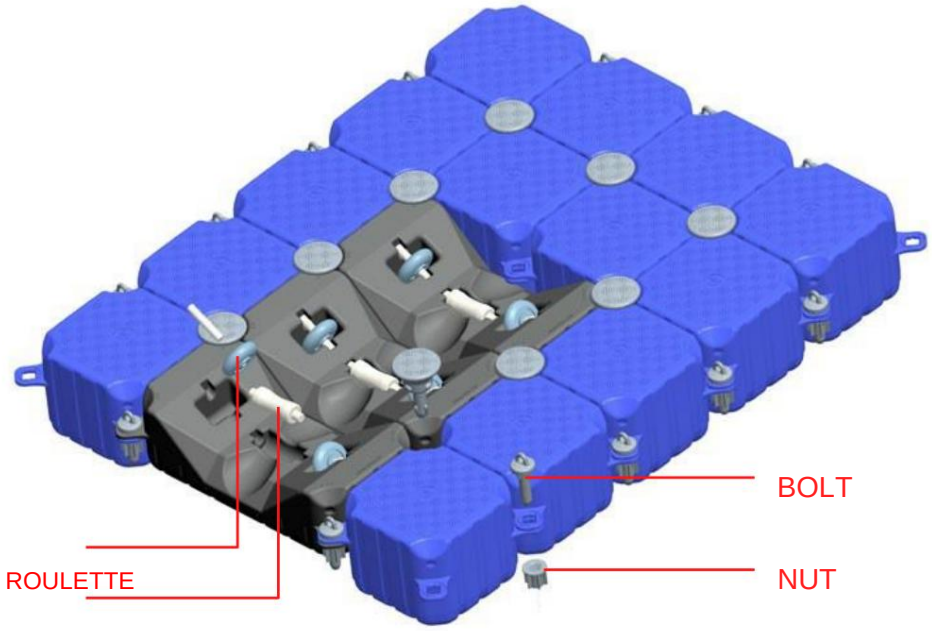


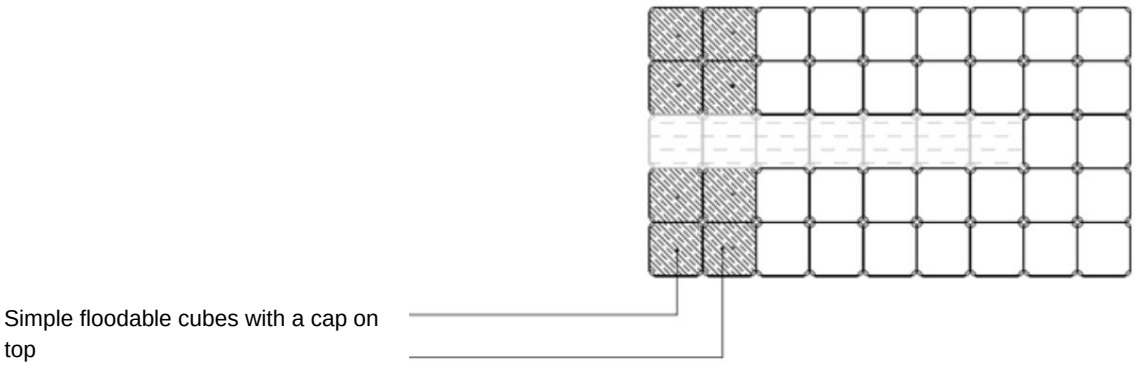
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9. Assembly of the wheeled modules for the boat

Start by positioning the simple floodable cubes next to the rolling cubes. Proceed to assemble the rolling cubes in the same way as for the simple and double cubes, following the numbering 1-2-3-4 of the dot markings.

*** IMPORTANT: PREVENT WATER FROM ACCUMULATING IN CAVITIES DURING WINTER. ICE MAY DAMAGE THE CUBE ***





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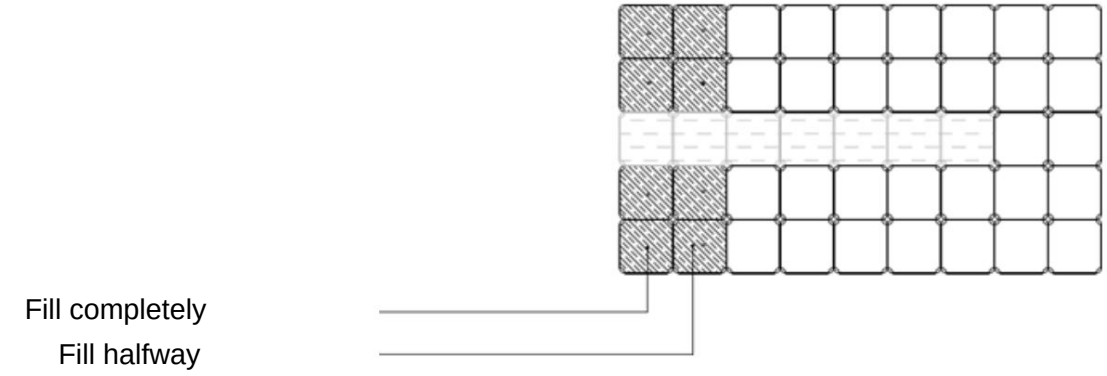
10. Filling the floodable cubes with water:

Locate the filling **hole** on the top of the cube, unscrew the **cap** with the stainless steel **flood wrench ,** and fill the cube with water. The first few cubes should be completely filled, while those in the second row should only be half full.









*** IMPORTANT: DRAIN THE WATER FROM FLOOD-PROOF CUBES IN WINTER. ICE COULD DAMAGE THE CUBE. ***

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11. Installation of HDPE and robust bollards:

Insert the HDPE bollard into the center of the four eyelets, push it in fully, and turn it 45° to lock it in place. (Similar to the installation procedure for a short pin.)



1. Insert the bollard



2. Push firmly



3. Turn 45 degrees to lock it