

# ISO FLOT

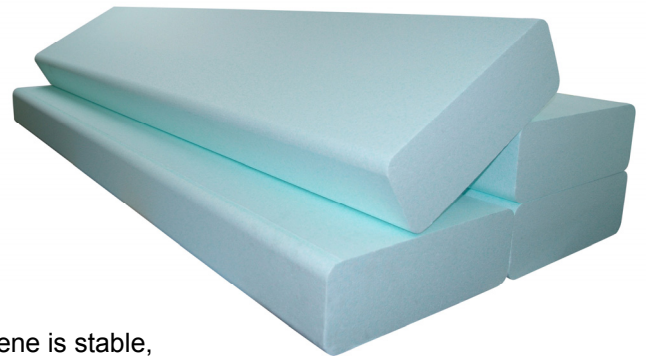


## FLOTATION BLOCK FOR DOCKS AND FLOATING STRUCTURES

Manufactured by Isofoam Group, the product is ideal for use in floating structures such as floating docks, rafts, floating boat shelters, pontoons and slipways.

### EFFICIENT FLOTATION

- Made with high density expanded polystyrene.
- Offers a buoyancy of 55 lbs/ft<sup>3</sup>.
- Available in 8' lengths for stable buoyancy.
- Floating structures built with **ISO FLOT** can be adapted to most shorelines as they are supported by the water.



### EXCELLENT RESISTANCE

- As a result of its closed-cell uniform structure, expanded polystyrene is stable, durable and tolerant to water, humidity and below-ground organisms.
- Low water absorption percentage (less than 2%).
- Even when damaged, its buoyancy is not affected.
- Can be used in both fresh and salt water.

### DURABLE AND ENVIRONMENTALLY FRIENDLY

- Made of 95% to 98% air and only 2% to 5% plastic, **ISO FLOT** represents a low toxicity risk compared to conventional construction materials.
- Expanded polystyrene is biologically neutral and its use generates no risk to the water table. It is of no nutritional value to parasites, microorganisms, plants or animals.
- **ISO FLOT** does not corrode or rust.

### ECONOMIC SOLUTION

- Lightweight, easy to transport and available in a variety of formats and thicknesses.
- Reduces handling time and installation costs.

### Physical properties of ISO FLOT HD

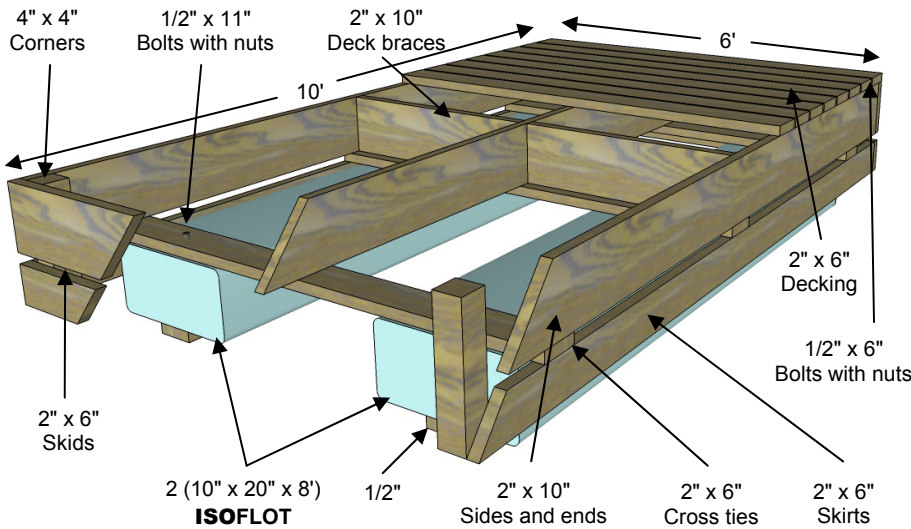
DIMENSIONS	VOLUME (ft <sup>3</sup> )	APPROX. WEIGHT	BUOYANCY
7" x 20" x 96"	7.77	12 lbs	425 lbs
10" x 20" x 96"	11.11	17 lbs	610 lbs

Other formats and densities available upon request.



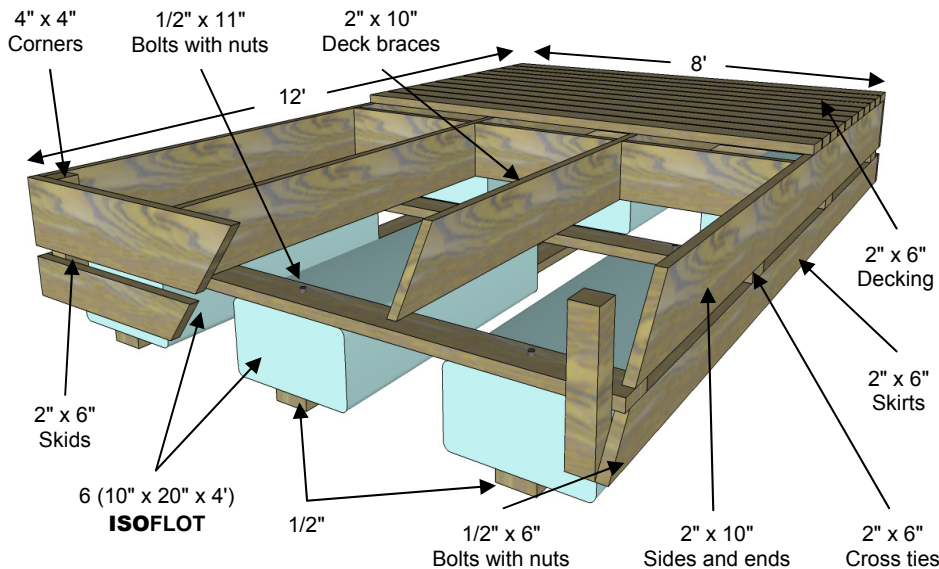
## FLOATING DOCKS AND FLOATING STRUCTURES

### FLOATING DOCK (6' x 10')



MATERIAL		
<b>ISOFLOT</b>	10" x 20" x 8'	2
Sides	2" x 10" x 10'	2
Ends	2" x 10" x 5' 9"	2
Deck braces	2" x 10" x 9' 9"	1
Deck braces	2" x 10" X 2' 9 3/4"	2
Skirts	2" x 6" x 10'	2
Skirts	2" x 6" x 5' 9"	2
Cross ties	2" x 6" x 6'	3
Decking	2" x 6" x 6'	20
Skids	2" x 6" x 9'	2
Corners	4" x 4" x 16 1/4"	4
Bolts with nuts	1/2" Dia. 11" Lg. Galv. Carriage	6
Bolts with nuts	1/2" Dia. 6" Lg. Galv. Carriage	16
Nails	10d Galv.	5 lb
Washers	1/2" Galv.	22
Wire mesh	Optional	

### SWIMMING RAFT (8' x 12')



MATERIAL		
<b>ISOFLOT</b>	10" x 20" x 8'	3
Sides	2" x 10" x 12'	2
Ends	2" x 10" x 7' 9"	2
Deck braces	2" x 10" x 11' 9"	2
Deck braces	2" x 10" X 2' 6"	3
Skirts	2" x 6" x 12'	2
Skirts	2" x 6" x 7' 9"	2
Cross ties	2" x 6" x 8'	4
Decking	2" x 6" x 8'	24
Skids	2" x 6" x 11' 2"	3
Corners	4" x 4" x 16 1/4"	4
Bolts with nuts	1/2" Dia. 11" Lg. Galv. Carriage	12
Bolts with nuts	1/2" Dia. 6" Lg. Galv. Carriage	16
Nails	10d Galv.	5 lb
Washers	1/2" Galv.	28
Wire mesh	Optional	

### LIMITATIONS ET ADVICES

- Combustible material : avoid contact between the blocks and the petroleum-based solvent or fumes.
- Flotation block physical properties can be affected by ultraviolet rays: avoid prolonged exposure to sunlight.
- Install a wire mesh under the dock for additional protection from rodents.
- For maximum stability, floating dock or floating structure must be solidly anchored.
- It is recommended to take floating structures out of the water before winter to protect them from ice damage and springtime ice break-up.
- The product contains a flame retardant additive.

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