


# Flotation Blocks

## Superior buoyancy for your flotation application.

ThermaFoam R-Control molded polystyrene flotation blocks are highly buoyant and can be shaped for almost any application. ThermaFoam R-Control flotation blocks work in synergy with chemical and impact resistant coatings/coverings for maximum service and environmental safety.

- High buoyancy
- 100% recyclable
- Closed cell with superior moisture resistance
- Inert, non-nutritive, highly stable
- Will not decompose, decay or produce gases or leachates

## Properties.

	100	130	150	200
<b>Buoyancy Force lbs/ft<sup>3</sup> (kg/m<sup>3</sup>)</b>	61.7 (990)	61.5 (980)	61.1 (980)	60.6 (970)
<b>Water Absorption max. volume %</b>	4.0	4.0	3.0	2.0
<b>Compressive Strength @ 10% deformation, min. psi (kPa)</b>	5.0 (35)	10.0 (69)	15.0 (104)	25.0 (173)
<b>Flexural Strength, min. psi (kPa)</b>	10.0 (69)	25.0 (173)	35.0 (242)	50.0 (345)

## Proven to meet, or exceed, building codes.

ThermaFoam R-Control is manufactured under an industry leading quality control program monitored by UL and further recognized in UL Evaluation Report UL ER40338-01. ThermaFoam R-Control meets ASTM C578, "Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation".



## Sizes and Shapes.

ThermaFoam R-Control Flotation Blocks can be made in a variety of sizes and shapes.

## Coatings.

Protective coatings/coverings must be used to encapsulate the ThermaFoam R-Control Flotation Blocks to ensure optimum service life and meet many of today's marine design standards.



## FOAM FACTS:

### ThermaFoam R-Control Flotation Blocks.

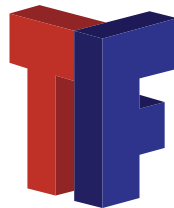
- ThermaFoam R-Control is extremely buoyant
- ThermaFoam R-Control is highly stable and will not corrode, decay or sink when punctured when protected
- ThermaFoam R-Control can easily vary strength, thickness, and size
- Molded polystyrene is 100% recyclable

**Recyclable.**

After it's life as a fabricated shape, ThermaFoam R-Control is 100% recyclable. It can be ground into granules and reincorporated into new ThermaFoam R-Control products or it can be thermally processed into a resin that's used to manufacture other new products.

**Ready to take control? Start here.**

If you're ready to have ThermaFoam R-Control contribute to your next project, just contact your ThermaFoam R-Control, Inc. Technical Sales Representative. They will be happy to give you design consultation, information about ThermaFoam R-Control products, pricing, and answers to all of your questions.



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