


# Architectural Shapes

## Molded Polystyrene Insulation.

Hawaii Construction Foam molded polystyrene insulation includes an ingredient you won't find in other molded polystyrene products. Control. Hawaii Construction Foam insulation gives you control over the design of your project. You determine the shape and specs of the molded polystyrene components you need, then your Hawaii Construction Foam molded polystyrene supplier works with you to deliver them on time and within budget.

- R-value that never changes and is stable over time
- Range of compressive strengths available
- Closed cell insulation with superior moisture resistance
- High drying potential to rapidly release absorbed moisture
- Preferred component for architectural shapes

## Strength/R-value.

 HAWAII CONSTRUCTION FOAM	Compressive Strength <sup>1</sup> , psi	R-value/inch <sup>2</sup>	
		75°F <sup>3</sup>	40°F <sup>4</sup>
100	10	3.9	4.2
130	13	3.9	4.3
150	15	4.2	4.6
250	25	4.4	4.8

<sup>1</sup> Compressive strength @ 10% deformation.

<sup>2</sup> R-value units are °F·ft<sup>2</sup>·h/Btu.

<sup>3</sup> Recommended for design in WARM climates.

<sup>4</sup> Recommended for design in COLD climates.

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

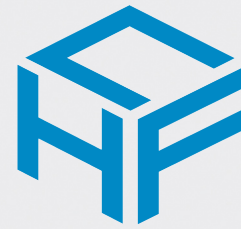
Hawaii Construction Foam is manufactured under an industry leading quality control program monitored by UL and further recognized in UL Evaluation Report UL ER40267-01. Hawaii Construction Foam meets ASTM C578, "Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation".



## Custom Fabrication.

Hawaii Construction Foam insulation shapes are custom fabricated by hot wire cutting with computer aided design, and if necessary, assembled together to provide a solution specific to your needs.

Hawaii Construction Foam insulation means that you can achieve product designs that wouldn't be possible with other materials.



HAWAII CONSTRUCTION FOAM



## FOAM FACTS:

### Hawaii Construction Foam Architectural Shapes.

- Hawaii Construction Foam Architectural Shapes can create effective 3-D architectural shapes
- Hawaii Construction Foam Architectural Shapes meet strength requirements at a lower cost and are available in a range of densities/types
- Hawaii Construction Foam Architectural Shapes are well suited for lower volume items and are compatible with exterior finish coatings

## Performance Value.

When you consider all performance characteristics and cost, Hawaii Construction Foam is your best choice for foam insulation.

Hawaii Construction Foam has air in its closed cells and therefore has a stable R-value. Many other insulations use blowing agents that cause R-value loss and are harmful to the environment.

Hawaii Construction Foam has compressive strength to meet specific project requirements.

Hawaii Construction Foam is manufactured to resist moisture absorption in wetting conditions and release absorbed moisture quickly during drying periods, which means Foam-Control maintains R-value.

## Termite Resistant.

One of the most destructive forces anywhere is termites. Hawaii Construction Foam can be manufactured with borate, a proven and safe additive, that effectively resists termites.

Hawaii Construction Foam with borate meets ICC ES AC239, "Acceptance Criteria for Termite-Resistant Foam Plastics".

## Recyclable.

After its life as a building insulation, Hawaii Construction Foam is 100% recyclable. It can be ground into granules and reincorporated into new Hawaii Construction Foam 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 Hawaii Construction Foam contribute to your next project, just contact your nearest Hawaii Construction Foam manufacturer and Technical Sales Representative. They will be happy to give you design consultation, information about Hawaii Construction Foam products, pricing, and answers to all of your questions.



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MADE IN HAWAI'I, FOR HAWAI'I SINCE 1965

91-110 KAOMI LOOP  
KAPOLEI, HI, USA, 96707  
808-682-2038 MAIN PHONE  
808-682-4759 MAIN FAX  
888-824-3626 MAIN TOLL FREE

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