

Direct-To-Deck

Molded Polystyrene Insulation.

Hawaii Construction Foam molded polystyrene Direct-to-Deck insulation is a cost-effective, durable and energy efficient solution for roof insulation. Molded polystyrene insulation can be applied directly over steel roof decks without the use of a code specified thermal barrier, resulting in reduced material and labor costs.

- Cost effective roof insulation
- R-value that never changes and is stable over time
- Range of compressive strength available
- Closed cell insulation with superior moisture resistance
- Meets code requirements for direct-to-deck application

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".



Recognition.

UL Evaluation Report ER11812-01 and UL Roof Deck Construction No. 458 recognize Hawaii Construction Foam insulation up to 10" (Type I) being installed directly over steel roof decks along with a Class A, B or C roof covering of 80 mils or less.

Direct-To-Deck Assemblies.

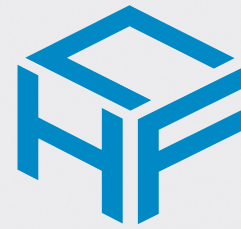
Steel Deck: Minimum 22 gauge, 1/2" deep, non-perforated, and maximum 6" flutes.

Molded Polystyrene Thickness: Refer to ESR-1006 or UL Roof Deck Construction No. 458 for various thickness and Types.

Accepted Membranes: Approved EPDM or thermoplastic single-ply that are Ballasted, Mechanically Attached and Fully-Adhered.

Cover Board (when required): Refer UL Roof Deck Construction No. 458 for various cover board options.

For complete assembly information, refer to UL Roof Deck Construction No. 458 or ICC-ES Evaluation Report ESR-1006.



HAWAII CONSTRUCTION FOAM

FOAM FACTS: Hawaii Construction Foam outperforms XPS.

- Hawaii Construction Foam provides a stable long-term R-value at a lower cost
- Hawaii Construction Foam uses a blowing agent with 10 x lower global warming potential and 10,000 x lower ozone depletion
- Hawaii Construction Foam meets strength requirements at a lower cost
- Hawaii Construction Foam and XPS have resistance to moisture, but Hawaii Construction Foam has a higher vapor permeance leading to superior drying potential

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 Hawaii Construction Foam 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.



PACIFIC ALLIED PRODUCTS Ltd.
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

Copyright © 2020 Pacific Allied Products, Ltd.
All rights reserved. Printed in USA.

PAPR03-06/20



HAWAII CONSTRUCTION FOAM

www.hawaiianfoamconstruction.com

**MOLDED
POLYSTYRENE
INSULATION**