

HYDROFOAM®

The easy insulation for radiant in-floor heating.

Product Overview

Nudura® offers a range of expanded polystyrene (EPS) insulation products for renovation and construction projects.

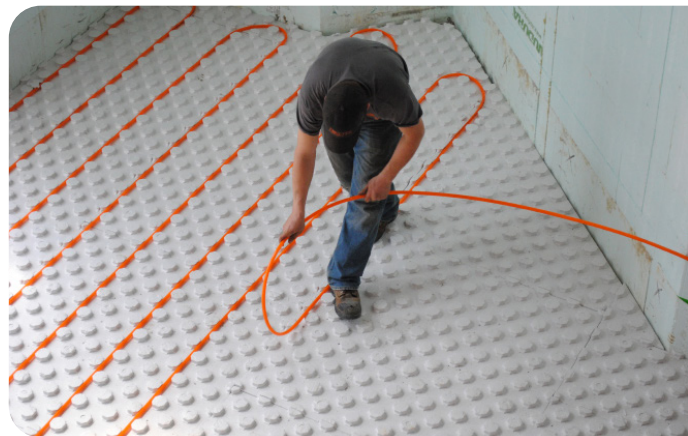
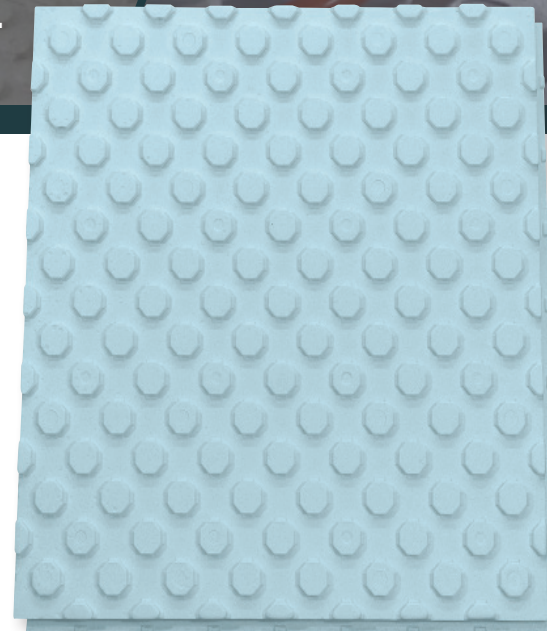
Hydrofoam® is a 4 ft x 4 ft (1219 mm x 1219 mm) molded insulation board with a multi-directional anchoring design, ideal for radiant heat systems. It insulates under concrete slabs and simplifies radiant heat tubing installation. Hydrofoam's interlocking design on all four sides ensures a secure fit and faster installation. Available thicknesses: 2-1/2 in (64 mm) - R-10 (RSI 1.76, U-value 0.57), 3 in (76 mm) - R-12.6 (RSI 2.22, U-value 0.45), 4 in (100 mm) - R-16 (RSI 2.82, U-value 0.35).

Hydrofoam nano is designed for existing concrete slabs and plywood floors, with a 3/8 in (10 mm) thickness - R-1.6 (RSI 0.28, U-value 3.55).

Features & Benefits

- 2-in-1 product: insulates concrete slabs and supports pipes
- Multi-directional anchoring
- Compatible with 1/2 in (13 mm) and 5/8 in (16 mm) diameter radiant tubing
- Radiant tube spacing is based on 3 in (76 mm) increments
- Shiplap/interlocking on all 4 sides
- Eco-friendly - No CFCs or HCFCs
- Recyclable
- Resistant to water and moisture
- Qualifies as low emitting materials*

*Conforms to LEED 4.1 CPDH testing standards.



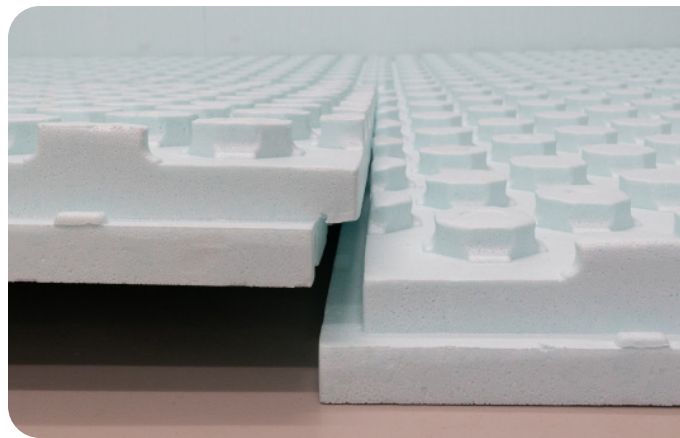
Installation Tips

Start installation by making the surface level.

If required by local building code requirements, install a vapor barrier membrane before installing Hydrofoam.

Insert hydronic floor heating pipes between the multi-directional anchors, following your planned design.

Pour concrete directly over Hydrofoam and tubing (refer to your local building code).



Building Code

We recommend using professional services and referring to the applicable local building codes when installing Hydrofoam. For more details or for other types of installations, please go to www.nudura.com or call our experts at 1-866-468-6299.

Warning

Flammable: Interior applications require a thermal barrier or ignition barrier as required by local building codes. All installations must comply with the applicable local building codes. The information and suggestions contained in this brochure are provided solely for informational purposes and are offered in a spirit of collaboration. To our knowledge, we believe the information presented can be considered reliable.

This brochure shall not constitute, in any case, a REPRESENTATION or a WARRANTY either EXPRESS or IMPLIED, either in terms of the information, data and suggestions included, or with respect to the absence or violation of any patent or other rights of third parties. Any proposed applications must be evaluated beforehand according to the application context and must, as a result, be adapted or modified to suit local conditions and materials if necessary.

ISO 9001:2015

Certified quality management system ISO 9001:2015



The expanded polystyrene used for HYDROFOAM® boards is Warrick Hersey (WH) certified in accordance with CAN/ULC S701 and ASTM C578 standards.

