

Description

InsulFoam HB (Holey Board) is a high-performance insulation consisting of a superior closed-cell, lightweight expanded polystyrene (EPS) with factory-applied holes. InsulFoam HB is cut from the same high quality stock as our flat InsulFoam products and, when requested, will meet or exceed the requirements of ASTM C578, Type I, *Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation*. InsulFoam HB is typically provided with 6 or 8 holes per board. InsulFoam HB offers a long-term, stable R-Value and has excellent dimensional stability, compressive strength and water resistant properties.

Uses

InsulFoam HB is specifically manufactured for use in lightweight insulating concrete systems that consist of cellular concrete, vermiculite or perlite. InsulFoam HB is fully encapsulated in the insulating concrete, and usually serves as the primary insulation in a roof system. InsulFoam HB can also be installed in a stair-step fashion to aid in creating a sloped or tapered system. Consult local building codes and lightweight insulating concrete deck manufacturers for system requirements.

Advantages

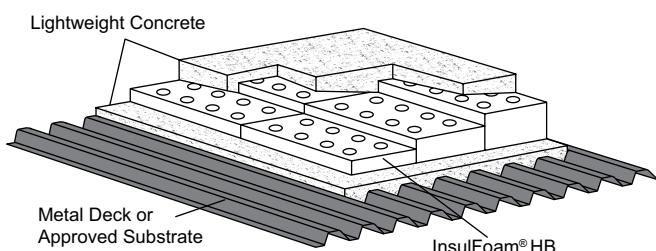
- **Versatile.** InsulFoam HB can be manufactured in a range of sizes, thicknesses and profiles to meet job-specific needs.
- **Reduces Weight.** The inclusion of InsulFoam HB within lightweight insulating concrete applications reduces the dead weight of a structure.
- **Environmentally Friendly.** InsulFoam HB contains no formaldehyde or ozone-depleting CFCs or HCFCs, contains recycled material, and is 100% recyclable if ever removed or replaced.
- **Stable R-Value.** Designers are well served knowing the product's thermal properties will remain stable over its entire service life. There is no thermal drift, so the product is eligible for an Insulfoam 20-year thermal performance warranty.
- **Proven Performance.** The same fundamental EPS chemistry has been in use since the mid-1950s, so the actual performance of the product is well known.
- **Water-Resistant.** InsulFoam HB does not readily absorb moisture from the environment.
- **Code Approvals.** InsulFoam HB has numerous Underwriters Laboratory and Factory Mutual Approvals. Please contact your local Insulfoam representative for details.



Sizes

InsulFoam HB is typically provided in 2' x 4' boards with thickness from 3/4" to 20", and is readily available in custom lengths and widths with little to no impact on lead time. It is also available in tapered panels.

Typical InsulFoam HB Installation



Notes:

- This diagram is not to scale.
- The deck profile and type may vary by market and project.
- The number of holes per InsulFoam HB panel may vary by market and project.