

Barrett Enterprises

GREEN COOLING & HEATING STORE

Saving YOU money and reducing OUR carbon footprint

PO Box 18, Sandy Point, ME 04972

PO Box 15727, Amelia Island, FL 32035

877-904-8424



Barrett Enterprises is excited to distribute a modular radiant insulated floor panel system that is a vapor barrier, moisture barrier and a radon barrier all in one Green product. This easy assembled system is made by Crete-Heat™ and allows for simply installation of hydronic radiant floor heating systems in basements, garages, main floor slab on grade and above grade installations where concrete or gypcrete is normally used.

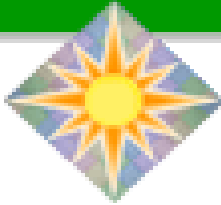
Crete-Heat™ Insulated Floor Panel system is 2 7/8" overall thickness, with 2" of solid EPS foam providing R-10. The Retrofit or above grade panels provide 2 1/8" overall in thickness, with a solid EPS foam providing R-6 with a 23 db sound reduction knob on the lower surface. Each interlocking panel covers up to 8 sq ft with fasteners for 1/2" and 5/8" radiant tubing. A 10 mil polystyrene film provides the vapor and radon barrier.

Check Out The Benefits

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- Cuts radiant install time by as much as 2/3
- Designed to hold tube securely in place with wider fasteners
- 2 sizes available for both new construction or retrofitting existing buildings
- UV protected Packaging for outdoor storage
- 2" Green Bagcover 64 sq ft
- 1" Black Bags cover 96 sqft
- Shipped 8 pieces per bag
- No mold growth
- To estimate panels needed, take the sq ft, and divide by 8.. Crete-Heat only sold in bags. If your project was 25,000 sq ft divide by 8 =390.065 bags so you should get 391 bags.
- Crete-Heat™ is Green as EPS is CFC-and HCFC Free.
- EPS does not adversely effect indoor air quality
- Recycled content for certain building applications

www.GreenInsulationProducts.com





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Allows for foam to mushroom over tube for more secure installation.



Extra strong ship lap on 1" panel

Note: Due to ongoing commitment to quality, all specifications, ratings and dimensions are subject to change without notice.

3" grid pattern for 1/2" or 5/8" and 3/4" or 1" tubing

	25" x 45"	25" x 45"
Board Size	25" x 45"	25" x 45"
Effective Area	24" x 45"	24" x 45"
Nominal Thickness of Insulation	2"	1" - 1 1/4"
Total Thickness	2 7/8"	1 7/8" - 2 1/8"
Standard Color	Varies	Varies
Thermal Resistance R ^{1"} Ft ² /Hr ^{1"} Btu (ASTM C518-04)	R-10	R-6
Compressive Resistance @ 10% deformation (ASTM C165-00)	25 psi / 3600 psf	25 psi / 3600 psf
Perm. Resistance (ASTM E96-00)	.51 perms	.68 perms

SIMPLIFIED TUBING PLACEMENT



3" ON CENTER FASTENERS ALLOW FOR QUICK TUBING INSTALLATION

GREEN BAGS 2" (64 SQUARE FEET PER BAG)

BLACK BAGS 1" (96 SQUARE FEET PER BAG)

BLUE BAGS 1" ICE MELT (96 SQUARE FEET PER BAG)

SHIPPED 10 BAGS PER PALLET

24 PALLETS PER TRUCK

What Makes Crete-Heat Green?

- Since the 1950's, EPS has always been CFC- and HCFC-Free.
 - EPS provides stable R-value and does not need to be adjusted for age.
 - Recycled content can be specified for certain building applications.
 - EPS mold resistance tests favorably in accordance with ASTM C1338.
 - EPS does not adversely affect indoor air quality.
- EPS foam insulation can contribute toward green building recognition in a variety of point or credit categories including energy efficiency, recycled content, localized distribution, indoor air quality, sustainable sites and innovation.



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