CREATHERM™

Radiant Floor Panels

Fast. Easy. Saves Labor. Just Walk It In.

Benefits of Radiant Floor Panels

Creatherm radiant floor panels, manufactured out of BASF Styropor® and Neopor® EPS, offer contractors an innovative foam installation process that saves time and money. Creatherm radiant floor panels are easily installed. Interlocking panels help reduce labor costs and improve installation efficiencies by allowing for precise tube layout that eliminates the need to tie, clip, staple, or screw the PEX [cross-linked polyethylene] tubing to the substrate.

Creatherm & BASF: A partnership built on innovation

Our partnership with BASF allows us to take advantage of some of the world's best engineering minds to leverage the most efficient and effective materials for strength and insulation. Styropor®, an expandable polystyrene (EPS), was invented by BASF in 1952 and is a classic among the raw materials employed for cost-effective construction, as well as efficient and reliable packaging. Neopor®, an expandable polystyrene (EPS) was invented by BASF in 1995 by mixing graphite with the raw material. The most important properties of EPS include: excellent thermal insulation capacity, high compressive strength, outstanding impact absorption and low weight. Foam is an eco-friendly building material and is incredibly strong, quiet, virtually allergen free and is not a food source for insects or mold. These panels offer a great solution for slab-on-grade, snow melt, retro-fit and root zone heating. The finished floor panel size is 2' x 4' and features a staggered snap-tight grid for optimal tubing spacing. On-center points exist every 3 inches.

www.creatherm.com

HOOVER INDUSTRIAL SUPPLY
www.hooverindustrialsupply.com

T 45 — Offering our THIN "R" value
Panel thickness 1.8"

S 45 — Offering our STANDARD "R" value
Panel thickness 2.8"

U 45 — Offering our ULTIMATE "R" value
Panel thickness 3.3"

HOOVER INDUSTRIAL SUPPLY
1-800-251-2156 • 570-297-1811
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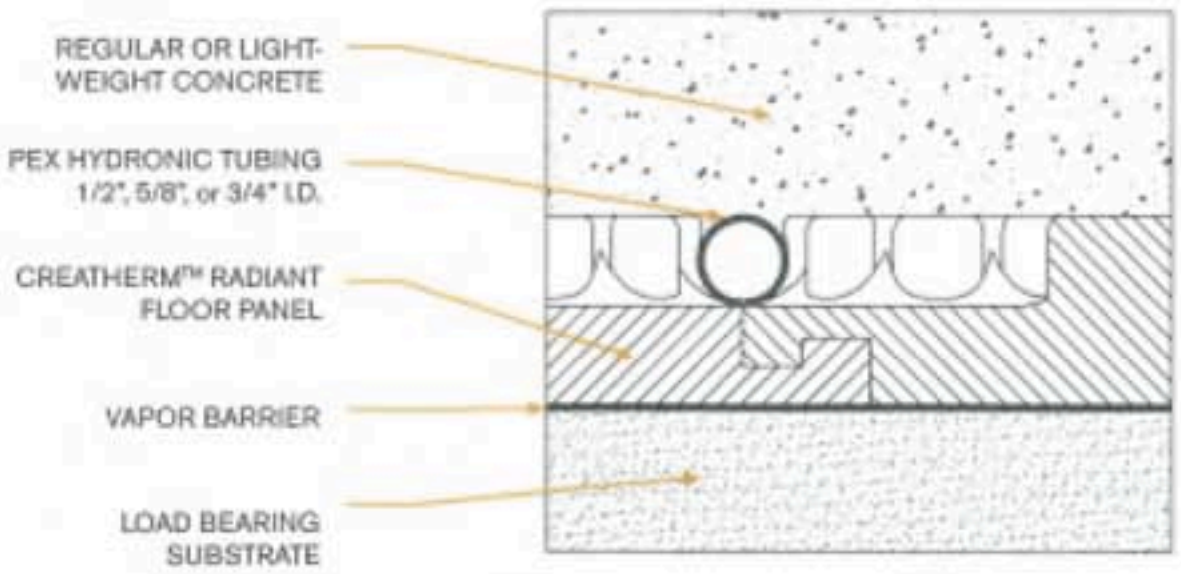
www.hooverindustrialsupply.com

Save Energy. Enjoy Carefree Comfort. Protect the Environment.

Both our Styropor® and Neopor® foam panel product lines can help projects qualify for LEED credits. Radiant floor panels can be used in a variety of projects in existing buildings, commercial interiors, core & shell development, homes, schools, neighborhood developments, health care, laboratories and retail; all examples of projects potentially qualifying for LEED certification.

TEST DATA	ASTM TEST	UNITS	T 45	S 45	U 45
Thermal Resistance R-Value	C-177 or C-518	F.ft2.h/Btu	5	10	11
Density	C-303	lb/ft3	2.0 PCF (32gpl)	2.0 PCF (32gpl)	2.0 PCF (32gpl)
Compressive Resistance at 10% Deformation	D-1621	PSI	56.8	36.3	44.7
Water Vapor Permeability	E-96	Perm-Inches, Max.	0.67	0.36	0.58
Water Absorption	C-272	% by Volume Max.	4	4	4
Dimensional Stability	D-2126	% Max.	2	2	2
Mold Resistance	C-1338	5 Strains	No Growth	No Growth	No Growth
PRODUCTION					
Overall Board Size		Inches	25" x 49"	25" x 49"	25" x 49"
Usable Size		Inches	24" x 48"	24" x 48"	24" x 48"
Recommended PEX		Inches	1/2", 5/8", 3/4"	1/2", 5/8", 3/4"	1/2", 5/8", 3/4"
Overall Thickness Including Pipe Grid		Inches	1.8"	2.8"	3.3"
Nominal (EPS) Thickness of Insulation		Inches	1"	2"	2.5"
Screed Volume in Tube Grid		Cubic Inches	875	875	875
Cover Stock			Polystyrene	Polystyrene	Polystyrene
SHIPPING					
Parts Per Bundle			18	10	8
Sq. Ft. Per Bundle			144	80	64
Parts Per Truckload			3,456	1,920	1,536

**Data contained herein is meant for reference and estimating purposes only.
Refer to appropriate ASTM standards or call for more detailed information.



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