

Submittal Data Sheet



Part #	Description
See below	Crete-Heat™ Insulated Floor Panel System

Project Information

Job Name:

Location:

Date Submitted:

Engineer:

Submitted by:

Contractor:

Approved by:

Manufacturer's Representative:

Application

Insulation, vapor barrier and tubing holder for radiant and snowmelt in-slab installations.

Product Information

- Base Material Expanded Polystyrene (EPS)
- Cover Material High impact polystyrene (HIPS)
10 mil thickness
Thermo-formed onto EPS to provide vapor barrier and strengthen base and tube holders (knobs)
- Tube Holders 7/8" height allows for foam to "mushroom" over tubing for a more secure installation (knobs)
- Panel Size 25" x 49" (635mm x 1244mm)
- Effective Area 24" x 48" (610mm x 1219mm)
- Panel Connections Interlocking grooved edges to enhance vapor barrier and structural stability



Technical Information

- Compressive Resistance 25psi/3600psf
@ 10% deformation (ASTM C165-00)
- Perm Resistance CH-1 .68 perms
CH-2, CH2 Melt &
CH-3 .51 perms
- Fire Retardant Treated with fire retardant
- Mold Resistant ASTM 1338 testing on EPS -
no mold growth after 28 days
- Tubing Size CH-1, CH-2 &
CH-3 - 3/8", 1/2" & 5/8"
CH-2 Melt - 3/4", 1"

Part Numbers

	Part #	Name	Insulation Thickness	Total Thickness	Thermal Resistance
<input type="checkbox"/>	2379000001	CH-1	1" (25mm)	1 7/8" (48mm)	R-6
<input type="checkbox"/>	2379000002	CH-2	2" (51mm)	2 7/8" (73mm)	R-10
<input type="checkbox"/>	2379000004	CH-2 Melt	2" (51mm)	2 7/8" (73mm)	R-10
<input type="checkbox"/>	2379000003	CH-2	3" (76mm)	3 7/8" (98mm)	R-14

Shipping Information

Sold in bag quantities only
10 bags per pallet (50" x 52")
24 pallets per truckload

Name	Pieces per bag
CH-1	12
CH-2	8
CH-2 Melt	6
CH-3	8

Freight FOB:
Fond du Lac, WI or
West Brookfield, MA

Contact Information

Roth Industries, Inc. 268 Bellew Ave. S. Watertown, NY 13601

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