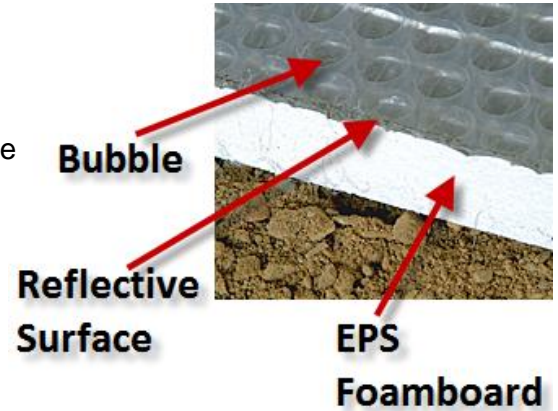


Technical Data Sheet

Description

Inferno Insulation Board has all of the most widely used insulation materials combined into one product. Consisting of 2 mil polyethylene sheet bonded to an industrial-strength 1/4" bubble-pack, a sheet of metalized aluminum all laminated to a sheet of 2 lbs. density expanded polystyrene (EPS) foam. The polyethylene is a barrier against both methane and radon. This particular Inferno Insulation Board applies to all forms of heat transfer. It is able to reflect heat towards the living space and is able to prevent heat loss through conduction and heat transfer.



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Features:

- Withstands jobsite traffic
- Excellent thermal break between grade and foundation
- Reduces heat loss due to conduction, convection and radiation
- Reflects over 57% of radiant heat

Available Sizes:

Size
4' x 4' x 1.25"
4' x 4' x 2.25"
* 4' x 8' x 1.25"
* 4' x 8' x 2.25"

* Available in Full Truck Loads Only

Applications:

- In-Floor Heating
- Concrete Slabs
- Outside Foundation Walls
- Snow Melts

<i>Physical Properties</i>	<i>Test</i>	<i>Reflective/Double Bubble/WhitePoly</i>	
Nominal Thickness	-	1.25"	2.5"
Reflectivity	ASTM C1371	57%	
Thermal Resistance @ 75°F (24°F)	ASTM C518	R-5.0	R-10
Max. Temperature (Continuous)	-	Up to 167°F	
Temperature Range (Intermittent)	-	Up to 180°F	
Compressive Strength (Min.) @ 10% Deformation	ASTM D1621	25 psi	
Flexural Strength (Min.)	ASTM C203	55 psi	
Tensile Strength	ASTM D 1623	23 psi	
Water Vapor Permeance (Max.)	ASTM E96	< 0.02 perms	
Water Absorption (% by Volume Max.)	ASTM C272	Less than 2.0%	
Fungi & Bacterial Resistance	ASTM C1338	Does not support growth	



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