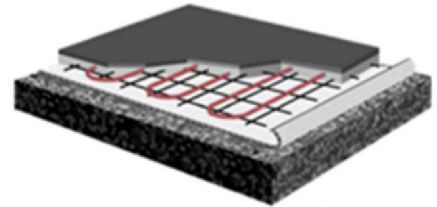


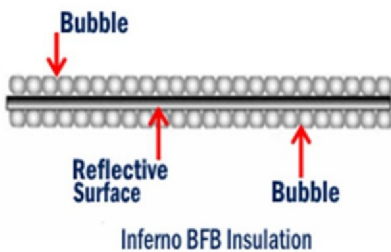
Technical Data Sheet

Description:

Inferno BFB Insulation which is specifically designed for use under concrete applications. This particular insulation is the only one on the market with a Bubble/Foil/Bubble configuration. It is used for radiant heat in concrete floors, sub-floor applications, duct wrap under concrete or for radiant heating an asphalt driveway for snowmelt.



Inferno Under Concrete Insulation Application



Installation:

- 1) Unroll the Inferno BFB Insulation
- 2) Butt the seams
- 3) Seal the seams with Inferno Insulation Tape
- 4) Install Radiant Heating System as specified by the manufacturer

Available Sizes:

Size	Sq.ft./Bundle
16" x 125'	167'
48" x 125'	500'



Physical Property	Test Method	BFB Insulation
Nominal Thickness	—	5/16"
Weight	—	1.35 oz/sq. ft.
Temperature Range	ASTM C411	-50°F to 180°F
Fire Rating	ASTM E84	Class 1 / Class A
Available Sizes	—	48" x 125"; 16" x 125'
Reflectivity	ASTM E903	57%
Thermal Resistance	Engineering calculation independent field study thermography testing	Improves slab heat loss by over 70% Performs equivalent to 2" foam board-9.0 to 10.5
Water Vapor Transmission	ASTM E96	<0.02 perms
Puncture Resistance	ASTM D751	180 psi
Compressive Strength	—	140 psi
Deflection	ASTM 1621	<10% under .5 psi
Linear Shrinkage	ASTM D1204	None
Flexibility & Pliability	TAPPI T 512	No Cracking
Fungal and Bacterial Resistance	ASTM C1338	Does not Promote Growth
Radon and Methane Permeability	—	Impermeable