

PLY-FOIL

Concrete Slab Insulation

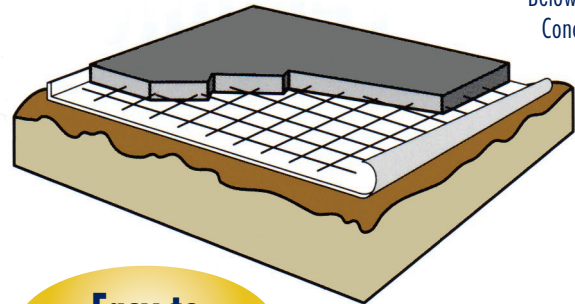
Our Concrete Slab Insulation product is designed for use under concrete slabs, with radiant floor systems, and snow melt applications.

Ply-Foil Concrete Slab Insulation Features and Benefits:

- White poly protects foil from lime in curing concrete.
- Ply-Foil reduces/eliminates ground water intrusion into the slab and shields foil from alkaline soil content.
- Use Ply-Foil in residential/commercial construction, agricultural and industrial applications.
- Great for use as a vapor and radon retarder that won't tear during installation.
- Utilizes 5/16" thermal resistance to ground temperature for warmer, drier concrete floors.
- R-Value 1.1
- Enhances Radiant Floor Systems
- Non-Toxic/Non-Carcinogenic
- Fiber Free
- Installs quickly and easily
- Lightweight and Clean
- No Nesting Characteristics for Insects
- No Need for Protective Garments or Respirators When Installing

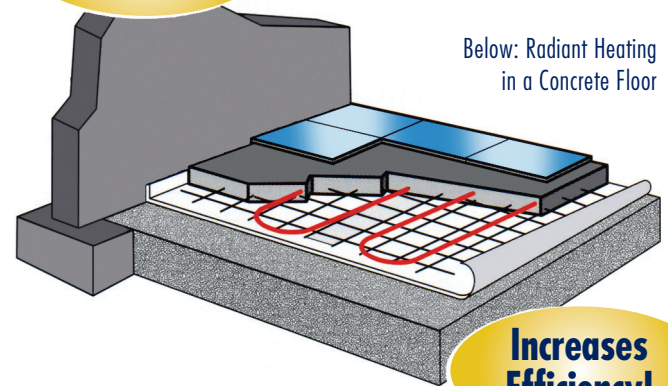
Illustration to the right: Ply-Foil Concrete Slab Insulation consists of seven layers. The first layer of white poly is bonded to foil to protect from lime in curing concrete. Each outer layer is bonded to a tough layer of polyethylene for strength. Two inner layers of insulating bubbles resist conductive heat flow while a center layer of polyethylene gives Ply-Foil high reliability and strength.

Below: Under a Concrete Slab



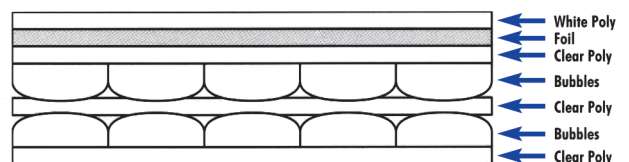
Easy to Install!

Below: Radiant Heating in a Concrete Floor



Increases Efficiency!

Seven Layers: white poly, foil, clear poly, bubbles, clear poly, bubbles and clear poly. Compression 6%.



A Note on Snow Melt:

Use the Ply-Foil Concrete Slab Insulation with your next snow melt application. Snow melt systems provide for improved safety for patrons walking on snow and ice. These systems require less maintenance - no salting or shoveling. Pavement will last longer without use of harsh chemicals to melt the snow and ice. Snow melt systems are used in several applications, driveways, walkways, hospital emergency room entrances, handicap access ramps, parking lots, loading docks, etc.



Technical Information

Concrete Slab Insulation (Coated Foil)

Ply-Foil Concrete Slab Insulation consist of seven layers. The first layer of white poly is bonded to foil to protect from lime in curing concrete, followed by layers of clear poly and bubbles.

Technical Data:

Temperature Range:	-60 degrees to +180 degrees F
Nominal Thickness:	5/16 inch (.312)
Weight:	1.25 oz./sq. ft.
Linear Shrinkage:	None
Water Vapor Transmission (ASTM E 96):	0.02 Perms
Puncture Resistance:	60 lb./in.
Mold and Mildew:	No Growth
Tensile Strength:	3.7 N/mm
Pliability:	No Cracking
Physical Properties - Compression	6%

Ply-Foil • Industrial Park, P.O. Box 386, Elkhart Lake, WI 53020
(800) 558-5895
www.plyco.com