

Reflectix

Reflectix® - Saving Energy, Radiating Quality.

www.reflectixinc.com



CONCRETE SLAB INSULATION (PATENT PENDING)

R-1.1



Features at a Glance:

Foil is protected from lime in curing concrete

White poly shields foil from high alkaline content in soil

Reflectix reduces/eliminates ground water intrusion into the slab

Reflectix® 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 Reflectix® high reliability and strength.

Uses:

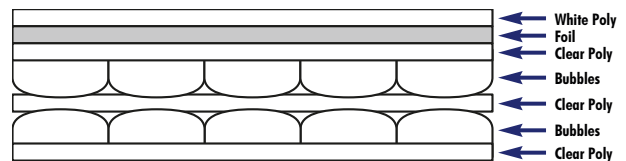
Used under concrete in radiant heating and snowmelt applications, this unique product coats foil with a white poly surface.

Benefits:

- Non-toxic/non-carcinogenic
- Fiber free
- Energy efficient
- Reduce heating/cooling cost
- Environmentally safe
- Vapor/radon retarder

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%



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

- Costs less to install
- Lightweight and clean
- Not affected by moisture/humidity
- No nesting characteristics for insects
- Resists growth of fungi, mold and mildew
- No need for protective garments or respirators when installing
- Permanent and maintenance free
- QS 9000 & ISO 9001 certified manufacturing location
- Moisture barrier

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