Reflectix Submittal Sheet





Concrete Slab Insulation

The Reflectix® Concrete Slab Insulation is an innovative, easy-to-handle product that increases the energy efficiency of radiant floor and snow melt systems (under concrete). The foil within the product acts to spread out the heat signature of heating coils, resulting in a more even floor/slab surface temperature.

FEATURES

- Foil is protected from lime in curing concrete
- Clear poly shields foil from high alkaline content in soil
- Reflectix reduces/eliminates ground water intrusion into the slab

PRODUCT DESCRIPTION

Reflectix® Concrete Slab Insulation consists of seven layers. The first layer of clear poly is bonded to aluminum 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. The product includes an orange tape indicating which side of the product should be installed facing "up".

BENEFITS

- Non-toxic / non-carcinogenic
- Costs less to install
- Lowers heating and cooling costs year-round
- Not affected by moisture or humidity
- Resists growth of fungi, mold and mildew
- Moisture barrier - Vapor / radon retarder
- Fiber-free / Lightweight and clean
- Does not promote nesting of birds, insects or rodents
- Does not require protective clothing or respirators to install
- ISO 9001:2015 Certified Manufacturing Location

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:	0.02 Perms (ASTM E 96)
Puncture Resistance:	60 lb./in.
Mold and Mildew:	No Growth
Tensile Strength:	3.7 N/mm
Pliability:	No Cracking
Physical Properties - Compression: 6%	

PART NUMBERS / ROLL SIZES

- DBWEF48125 (48" x 125')
- DBWEF48050 (48" x 50')

APPLICATIONS

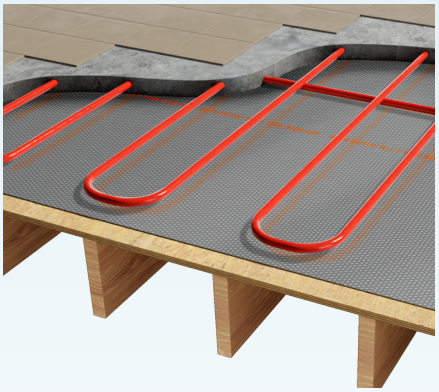
Used under concrete in radiant heating and snow melt applications, this product coats foil with a clear poly surface.

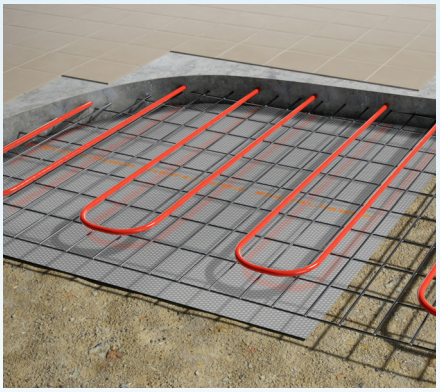
TESTING & CERTIFICATIONS

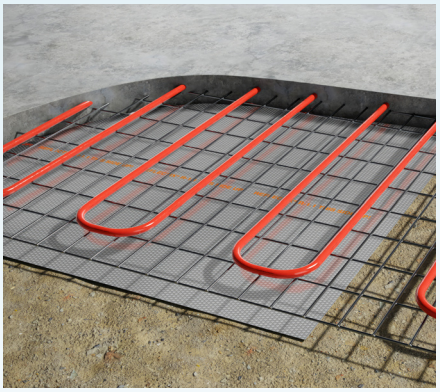
- Thermal Performance ASTM C518
- Fungus Resistance Mil-Std 810B Method 508
- Pliability Test
- Water Vapor Transmission ASTM E96
- Tensile Strength

WAREHOUSE LOCATIONS

- Markleville, IN
- Phoenix, AZ
- Greenville, SC
- Needham, MA







RADIANT FLOOR OVER EXISTING FLOOR INSTALLATION INSTRUCTIONS

- Unroll the Reflectix® Concrete Slab Insulation product over the existing floor, prior to pouring the concrete (printed orange tape side facing up) - Cut the product flush with the walls.
- Butt the seams of the product and seal with 3" wide poly tape. Note: Utilize a flat edge taping tool to assure good adhesion on all tape.
- Install Radiant Floor System per manufacturer's specifications.

RADIANT FLOOR IN A CONCRETE SLAB INSTALLATION INSTRUCTIONS

- Unroll the Reflectix® Concrete Slab Insulation product over the base material with the printed orange tape side facing up, prior to pouring the concrete.
- Butt the seams of the product and seal with 3" wide poly tape. Note: Utilize a flat edge taping tool to assure good adhesion on all tape.
- Install Radiant Floor System per manufacturer's specifications.

CONCRETE SLAB (SNOW MELT) INSTALLATION INSTRUCTIONS

- Unroll the Reflectix® Concrete Slab Insulation product over the base material with the printed orange tape side facing up, prior to pouring the concrete.
- Butt the seams of the product and seal with 3" wide poly tape. Note: Utilize a flat edge taping tool to assure good adhesion on all tape.
- Install Snow Melt System per manufacturer's specifications.

NOTE

Installation instructions and illustrated drawings are recommendations only, while proper local construction methods are the responsibility of the installer.

Reflectix

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