



TECHNICAL DATA



• TRULY EFFICIENT

Improves the performance of the heating system and provides higher slab temperature output.

• EASY TO INSTALL

Lightweight, minimal seaming, rolled into place.

• GREATER PROFITS

Priced competitively with other insulation materials and can be installed in a fraction of the time.

• CONSISTENT PERFORMANCE

Material is not affected by moisture or humidity, allowing high R-values to remain consistent over time.

• THE RIGHT CHOICE

Insul-Tarp's reflective insulation technology leaves all other insulation practices out in the cold. When you install Insul-Tarp, you can rest assured that you are using the best product available for under-slab insulation.

System Performance

- R-7.54 Non-Radiant (Concrete Assembly)
- R-10 Radiant (Field and Lab Supported)

Thickness.....	1/2"
Weight per 150 sq. ft.....	12.5 lbs.
Bursting Strength.....	90 PSI
Fire Rating.....	Up to Class A-1
Temp. Range.....	-60°F - 180°F
Reflectivity.....	Up to 97%
Permeance Rate.....	0.002
Shrinkage.....	None

Puncture, Tear, Impact and Snag Resistant as well as Mildew and Fungi Resistant.

Detailed technical data available upon request.

Roll Sizes:

- 12' X 50' = 50lbs.**
- 12' X 25' = 25lbs.**
- 6' X 50' = 25lbs.
- 6' X 25' = 12.5lbs.

***12' rolls consist of (2) 6' rolls seamed together. Widths on these rolls will vary.*

Note:

*Actual coverage on a 12' x 50' roll is approximately 575 sqft.
Actual coverage on a 12' x 25' roll is approximately 285 sqft.
Always estimate 10% extra to ensure proper coverage due to roll sizes, overlapping and/or grade changes.*

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UNDER-SLAB INSULATION

RESIDENTIAL

COMMERCIAL

AGRICULTURAL

WHAT IS INSUL-TARP?

Insul-Tarp is a patented revolutionary product like no other on the market today. Its lightweight, Space Age design integrates closed cell foam and an aluminum reflective material with a protective poly coating all within three thin layers.

The durable poly coating protects the insulating material from potentially damaging surfaces and is impermeable to moisture, helping it to maintain a high R-value in a minimal amount of space.

The superior physical characteristics and overall design of **Insul-Tarp** make it the most effective product for insulating under concrete slabs in Residential, Commercial and Agricultural radiant systems.



Insul-Tarp holds up under construction traffic.



Shown here, **Insul-Tarp** has been rolled out and installed with radiant tubing **Quipped** to the mesh.

WHY IS INSUL-TARP SO REVOLUTIONARY?

Insul-Tarp's innovative combination of layers and reflective material enable it to effectively control all three modes of heat transfer -- Conduction, Convection and Radiation.

Traditional mass insulation, such as foam board, mainly addresses conduction and convection and has been shown to be only 30% effective when dealing with radiant heat flow.

Insul-Tarp reduces the downward heat loss of the radiant heating system by redirecting it back into the living area. There is no need to use other insulating products in conjunction with **Insul-Tarp** for it to achieve its superior performance. **Insul-Tarp** stands alone!

HOW WILL INSUL-TARP REVOLUTIONIZE YOUR BUSINESS?

Easy to Handle:

Lightweight **Insul-Tarp** is available in multiple sizes, making installation quick and easy. **Insul-Tarp** can be carried and installed by one person.



Quick Installation:

Insul-Tarp can take less than 1/4 the time of conventional insulation to install. While rigid insulation requires the subsoil surface to be lowered and leveled, no special preparations are needed to accommodate **Insul-Tarp**. Installation around plumbing is almost effortless. Simply cut an "X" in the tarp and slide it over the top of the pipe. **Insul-Tarp** means less time, less mess and less effort.

Quicker Response Time:

With **Insul-Tarp's** under-slab installation, the response time of the heating system is quicker and more consistent due to the insulation's superior properties.

Insul-Tarp significantly decreases the heat loss to the earth below the slab, allowing the system to react more efficiently and accurately to a shift in temperature. A quicker response time means a happier customer.

Effective Vapor and Radon Barrier:

Insul-Tarp's low perm rate allows it to act as a vapor barrier. Therefore, it becomes very effective in preventing gas infiltration, creating a safer living environment.