Concrete Insulating Blankets

EXPECT THE BEST

An effective insulation blanket can be the key to proper concrete curing. And whatever the external covering, it's what's inside an insulating blanket that makes it effective against low temperatures. When it's **micro**foam® polypropylene foam, you can be assured of effective protection.

BEST COMBINATION OF PROPERTIES

For a concrete curing blanket, the core is critical. **Micro**foam® is a superior thermal insulator with outstanding physical and chemical-resisting characteristics. It offers the best combination of properties for core material used in concrete insulating blankets.

WHY **MICRO**FOAM® IS BETTER THAN CONVENTIONAL MATERIALS

1. INSULATING VALUE

The thermal conductivity of **micro**foam® expressed as "K" value is the best of all insulating materials used in concrete insulating blankets. Test results prove that **micro**foam® has significantly better insulating values ("R" factor) than polyethylene foam and bubble products.

2. MOISTURE RESISTANCE

Closed-cell **micro**foam® polypropylene foam won't absorb moisture. Other fillers can become waterlogged and lose insulating value.

3. EASE OF HANDLING

The low density of **micro**foam® provides an extremely lightweight blanket. **Micro**foam® material weighs less than most competing materials – a big bonus for those who lay down and take up insulating blankets.

4. FLEXIBILITY

The right stiffness combined with the right flexibility make **micro**foam® blankets easy to fold and handle. Blankets of **micro**foam® material conform closely to poured concrete surfaces, providing even better insulation.

5. RE-USABILITY

The toughness of **micro**foam® material combined with its closed-cell construction means long life even with repeated use. The semi-rigid core will not slip down inside the cover when held or when applied to vertical surfaces.

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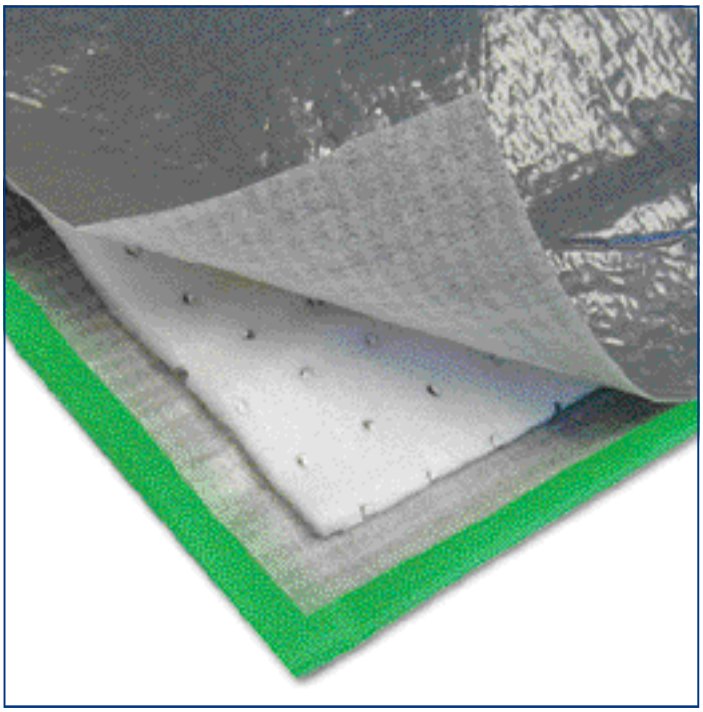
SUPERIOR THERMAL CHARACTERISTICS

Independent tests confirm **micro**foam® material is superior to polyethylene foam and fiberglass for thermal resistance ("R" factor) as derived from thermal conductivity tests ("K" factor) in four categories:

- Core materials only
- New insulating blankets
- Insulating blankets after simulated wear and handling tests
- Insulating blankets after simulated wear and handling tests - plus water exposure

TECHNICAL DATA	K Factor (K=btu/hr ft² F°)	R Factor (R=hr ft2 F°/btu)
microfoam® polypropylene per 1" thickness	.24	**4.2**
Typical polyethylene per 1" thickness	.40	2.4

NOTE: A lower "K" factor gives a higher "R" factor.
The higher the "R" factor, the better the insulation value.



microfoam® material is the critical core for concrete curing.

In concrete insulating blankets, **it's the core that counts.**
Ask for and insist on Concrete Insulating Blankets with **micro**foam® cores from Pregis.

Call Pregis today
877-692-6163
Or visit our web sites, www.pregis.com or www.microfoamproducts.com

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