

Mudfords

SUPPLIERS TO INDUSTRY, TRANSPORT AND CONSTRUCTION

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TECHNICAL SPECIFICATIONS

Frost Protection Foam

Thermal Insulation

Miothene frost blankets have extremely low thermal conductivity (0.034 W/mk) so are highly suitable to provide thermal insulation. The thermal insulation, or 'U' value for blankets used horizontally is shown below:

2.3

Water Resistance

Due to the closed cell structure of Miothene frost blankets, the water absorption is very low – only 2% (by volume) after 24 hours total immersion in water. An additional advantage is that its thermal insulation is retained even in wet conditions.

Thermal stability

Miothene frost blankets can be used over a wide temperature range, normally -100°C to $+80^{\circ}\text{C}$.

Durability and flexibility

Highly resistant to abrasion and tearing, Miothene frost blankets can be re-used many times. They are low in weight and easily cut on site for awkward shapes and structures. For slabs, they can be quickly and easily rolled out.

Miothene frost protection/thermal curing blankets conform to Vol 1, Spec for Highway Works, clauses 703 and 1027.

Our application and technical advice, verbal or written, is based on experience and is to the best of our knowledge correct, but is given without obligation. The use of this product in conditions that are beyond our control releases us from any obligation in regard to claims made for the products.

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