

Megatherm

Water-based, two-component thermal insulation paint. Reduces the passage of heat and cold energy through walls, roofs, piping, fuel and chemical storage tanks. Allows energy saving and is environment-friendly.

An innovative
Israeli solution
to global
warming



Saves energy:

A coating that provides advantages in energy saving, which reflects in the costs of electricity, diesel fuel and so forth, incurred due to use for cooling/heating. We offer a solution enabling a decrease of energy costs and reducing atmospheric emissions.

EPOLAC

Insulates heat and cold:

Reduces the passage of heat and cold energy through walls, roofs, piping, fuel and chemical tanks.



Protects against the development of corrosion:

The main problem with conventional insulation is the corrosion formed beneath the insulation, being impossible to detect and treat in time. Moreover, the insulation itself causes an increase in the rate of the corrosion's formation due to the accumulation of moisture underneath it. Applying a thin insulation layer of Megatherm provides excellent insulation and anticorrosive resistance for many years, even under harsh conditions. 10-50 years, dependent on the conditions.

No corrosion whatsoever is formed!

Environment- and user-friendly:

Our solution is intended to help in the decrease/reduction of greenhouse gases. A green material, which would replace environmentally harmful materials such as various styrofoams and polyurethane foam, which are environmentally hazardous. The products are designed to make application and maintenance as user-friendly and accommodating as possible. The product is highly comfortable for work and is water-diluted.



The EPOLAC logo is displayed in white capital letters on a dark background. The letter 'O' is replaced by a red circle with a white dot in the center, resembling a stylized eye or a target.

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Additional advantages:

Protects people and their environs – can prevent fire damages and bodily injuries.
Long life expectancy of the coating.
Efficiently reflects radiation on various wavelengths: UV radiation, visible light, ultra-red.
Efficiently reflects solar radiation.
Coated surfaces can be easily inspected and repaired.
Conceals thermal emission.

Technical data:

Coloring: broken white.
Sheen: matte silk.
Finish: orange peel.
Drying time: At temperatures of 20-25° and 65% relative moisture
Drying time for contact: 3 hours
Drying between layers: 6 hours
Final drying: 3 days

Comparison to other insulation solutions:

Current solutions:

Roofs: whitewash coating, spraying whipped polyurethane, covering various Styrofoam's, insulated Iskoort sheets, and more.
Industry: insulated piping with various insulated materials covered with a protective metal cover. Double-jacket canisters and sprayings of whipped polyurethane.

Advantages of the thermal insulation compared to the current solutions:

Applied in a thin layer – saves space.
Provides anticorrosion protection instead of a corrosion problem.
Easy and affordable maintenance.
Visible, and therefore simple to inspect and repair if necessary.
Simple and affordable application compared to current solutions.
Water-diluted.

About Epolac:

Epolac was founded in 1974 by engineer Zamler Yosef, of Blessed Memory, and has accumulated over fifty years' worth of experience in the field of manufacturing colors and coatings. Epolac, founded as a family company, specializes in the field of colors and coatings for heavy industry: chemical, petrochemical, food, marine, construction, metal and more. The excellent performance of the coatings manufactured by Epolac make them ideal for protecting factories, facilities, constructions and surfaces in a chemical, marine and outdoor ambience. Epolac manufactures a wide variety of colors with diverse chemical and physical characteristics, which make Epolac products useful in many fields.

