



PROTHERMAL METAL 840

*Thermal Insulation Paint
For Metal Surfaces*

PRODUCT DESCRIPTION:

Water-based, acrylic emulsion-based, PROTHERMAL METAL is a special paint, specially developed for metal surfaces, with high performance, low thermal conductivity, containing ceramic microspheres first developed by NASA within the framework of the space program, providing thermal insulation on interior and exterior surfaces. .

FEATURES:

When PROTHERMAL 840 is applied to the surface in metal pipes, it protects the radiant heat generated inside, and reflects the radiant heat coming from the sun rays to the outside.

It provides 30-35% energy savings in heating and cooling energy costs to buildings, depending on the number of application floors.

It is special vacuum ceramic bead added.

Its adherence is high.

It is matte. It is environmentally friendly.

It adheres very well to the surfaces it is applied to, and is easy to apply.

PRODUCT INFORMATION:

Chemical Base Styrene Acrylic based / Water based

Appearance / Color Liquid / Desired

PERFORMANCE:

(23°C, 50% RH)

Ph 7-10

Density 1.30±0.2g/cm³

Gloss G3 TS 4318 EN ISO 2813

These values have been obtained as a result of laboratory experiments carried out in our company and are valid for the performance of the finished applications at the end of the full drying period. Since the temperature and humidity values in the construction site environment and the application surfaces and areas will vary, the values may change.

USAGE AREAS:

It can be used on metal surfaces such as steam, hot water pipes, etc., where you do not want to experience heat losses.



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APPLICATION INSTRUCTIONS:

Surface; It must be dry and firm. It must be freed from residues such as oil, grease, dirt that will prevent adhesion. The application surface must be flat and without slope.

It is ready to use.

Dilute 1/1 with clean water for the primer coat.

It is applied without diluting for the other 2 coats.

LIMITATIONS:

Please obey to the application instructions to obtain optimum quality. The application should be done between +5 C and +30 C. It should not be applied in very high temperature, direct exposure to sunlight, very windy, rainy weather. It should not be applied on surfaces where there is a danger of frost. Until the product cures, it should be protected from rain, water, frost and negative external factors.

CONSUMPTION:

15-20 m²/15 LT (2 coats) according to the absorbency of the surface and color

PACKAGING:

5 LT Plastic bucket

15 LT plastic bucket

SHELF LIFE:

It is 1 year from the date of production, in dry and humid environments, out of direct sunlight, in its original package with the lid closed, at +5° - 25°C temperature, 50% relative humidity.

When not in use, the lids of the packages should be tightly closed. It should be kept away from moisture. Protect from high heat and frost.

STORAGE CONDITIONS:

It should be stored in its unopened original package, in a moisture-free, dry and cool (temperature between +5 C and +25 C) environment. It should not be left under direct sunlight.



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SECURITY:

Do not breathe the product, do not contact the skin and eyes. Use protective gloves, goggles and clothing. In case of eye contact, rinse with plenty of water and seek medical advice immediately. Keep out of reach of children. In case of skin contact, wash with plenty of water and soap. Do not swallow. For detailed information and recommendations, please refer to the Safety Data Sheet.

DEKOSTAR San.ve Tic.Ltd. Şti. is not responsible for any application errors that may occur if the product is used for purposes other than its intended use or if the above-mentioned application conditions and recommendations are not followed. Dekostar reserves the right to change its products. Users should consider the latest edition of the Technical Data Sheet of the relevant product.

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