

Thermal Insulation Paint for Metal Surfaces

PRODUCT DESCRIPTION

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

FEATURES

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

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

It has a special vacuum ceramic bead additive.

It has high adherence.

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 Structure Styrene Acrylic Based / Water based

Appearance / Color Liquid / Desired

PERFORMANCE

(23°C, 50% Relative Humidity)

Ph 7-10

Intensity 1,30±0,2g/cm³

Brightness G3 TS 4318 EN ISO 2813

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

USAGE AREAS

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

APPLICATION INSTRUCTIONS

Surface; It must be dry and solid. It should be removed from residues such as oil, grease and dirt that would prevent adhesion. The application surface must be flat and without slope.

It is ready for use. For the primer coat, dilute 1/1 with clean water.

It is applied undiluted for the other 2 coats .

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LIMITATIONS

To obtain optimum quality, please adhere to the application instructions. Application should be made between +5 C and +30 C. Application should not be made in very high temperatures, direct exposure to sunlight, very windy or rainy weather. Application should not be made on surfaces at risk of frost. The product should be protected from rain, water, frost and negative external factors until it is cured .

CONSUMPTION

15-20 m²/15 LT (2 layers) depending on the absorbency of the surface and color

PACKAGING

5 LT Plastik bucket

15 LT plastik bucket

SHELF LIFE

It is 1 year from the date of production in its original packaging with the lid closed, in a dry and moisture-free environment, away from direct sunlight, at a temperature of +5 - 25 C and 50% relative humidity. The lids of the packages should be closed tightly when not in use. It should be kept away from moisture. Protect from high temperatures and frost.

STORAGE CONDITIONS

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

SAFETY

Do not inhale the product and do not contact it with skin or eyes. Use protective gloves, glasses and clothing. In case of eye contact, rinse with plenty of water and consult a doctor 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.

840 PROTHERMAL METAL



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LEGAL NOTES

Our technical data sheet is DEKOSTAR LTD., which has a wide range of usage areas. ŞTİ. It has been prepared to give general information about the products and to show the technical features of the products, and it is a recommendation and this information is about correct application ground, air, equipment, etc. It is valid under the conditions and when the products are stored under the recommended conditions.

DEKOSTAR LTD. ŞTİ. Since it cannot control the conditions under which its products are used, it does not accept any responsibility for the application result and does not guarantee it. The user of the product must test the suitability of the product before using it.

DEKOSTAR San. will be liable for application errors that may occur if the product is used for purposes other than its intended purpose or if the application conditions and recommendations stated above are not followed. and Tic. Ltd. Ltd. is not responsible and has the right to change the features of its products without notice. Users should always refer to the latest edition of the Product Technical Data Sheet for the relevant product.



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