



PROTHERMAL

PAINT 845

Thermal Insulation Paint

PRODUCT DESCRIPTION:

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

FEATURES:

It provides 30-35% energy savings in heating and cooling energy costs to buildings, depending on the number of application floors and application accuracy. When PROTHERM PAINT with special vacuum ceramic bead additive is used as interior wall and ceiling paint, it reflects the radiant heat generated inside to the inside, and when used on the exterior, it reflects the radiant heat coming from the sun rays to the outside. It has high covering power. Its adherence is high. It is matte. It is environmentally friendly. It penetrates well on the surfaces it is applied to, adheres very well to the surface, 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	1.20±0.2g/cm ³
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 applied on mineral-based plaster on walls, ceilings, indoors and outdoors.

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 undiluted for the other 2 coats.

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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, directly exposed to sunlight, very windy, rainy weather. Application should not be made on surfaces where there is danger of frost. The product should be protected from rain, water, frost and adverse external factors until it cures (28 days).

CONSUMPTION:

According to the absorbency of the surface, 15-20 m² / 15 LT (2 layers)

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.

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.