

K1-202

WATER-BASED HEAT RESISTANT WATERPROOF PAINT

The concept of Heat Resistant Waterproof Paint is quite simply creates a thermal barrier which reflects heat once the paint / coating has dried. Heat Resistant Waterproof Paint contains high quality Glass Bubble particles encased in a high-grade acrylic emulsion. The thermal insulating coating that will reduces radiative and conducted heat to produce dramatic temperature differentials. Heat Resistant Waterproof Paint is the top choice for a wide variety of thermal insulating paint and waterproofing applications on metal, concrete and wood surfaces.

Details

- High quality glass bubble to reduce radiant heat.
- Moisture protection and heat dissipation.
- Crack-free coating flexibility that responds to substrate contraction / expansion.
- Cost-saving longevity. Energy efficiency for equipment and buildings.
- Easy application. No priming needed when apply on the metal surface.

Recommend Uses

- Metal Surface (Shipping Containers, Factories, Accommodation Units, Electrical Cabinets).
- Concrete Block, CMU, Brick Stucco, Cement, Concrete Surface, Cement Composition Siding / Panel, Asbestos and Wood.

Applications

Surface Preparation

- All new masonry, concrete, cement or block must be cured for 30 days at recommended.
- Remove all loose paint and defective paint if possible, oil, fluid, moss or other substances on the surface. In severe cases, wash the surface with water, make sure the surface is completely dried and clean. All holes cracks must be properly patched.

Application Details

- Product must be completely agitated (mechanically or manually) before use.
- Intermix containers of same product to ensure color and seen uniformity.
- Dilution is not recommended. However if the dilution is required, do not dilute more than 10% of clean water.
- Priming and application of two coats at the recommended film thickness / practical coverage when application to new surfaces.
- Priming may not be needed when application on previously painted. Consult with your representative before application. Priming is no needed when application on the metal surface.

Technical Data

Property	Value
Tools	Nylon / Polyester Brush, Sponge Paint Roller, Sprayer
Drying Time	Touch Dry 1-2 Hours, Recoat 3-4 Hours (at 25°C)
Coverage	12 m ² Coverage per Gallon
Thickness	Wet 500 µm, Dry 300 µm
Available Sheen	Flat
Density	1.2 kg/L
Viscosity	13,000-14,000 m.Pas at 25°C
Solid Content	62% ± 2%
Available Size	5 Gallon
Thinner	Water
Shelf Life	36 months unopened condition
Color	White, Light Gray

Drying and recoat times are temperature, humidity, and film thickness dependent.

Practical coverage is for reference only, which can be differ depending on the brushing surface, flatness and film thickness.

These figures are only intended as a guide and should not be used in preparing specifications.

Storage

Product should be store in the dry and cool area, please avoid direct sunlight contact to prevent deterioration. Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

After container is opened, use the product immediately and prevent long-term storage.

Cautions and Safety

- Do not use if rain or heavy dew is expected within 24 hours.
- Avoid applying the product when the temperature is below 50°F.
- KEEP OUT REACH OF CHILDREN – DO NOT TAKE INTERNALLY.
- When spraying. Do not breathe spray, wear suitable respiratory protective equipment.
- Avoid direct contact with skin and eyes.
- In case of contact with eyes, rinse immediately with plenty of water and seek for the medical advice.
- After contact with skin, wash with soap and water.
- Safety Data Sheet (SDS) is available on www.kingcatpaint.com.tw.

Disclaimer

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of Yulung Paint. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Yulung Paint representatives or visit www.kingcatpaint.com.tw to obtain the most current version of the Technical Data Sheet and / or a Safety Data Sheet.