FlexSeal™ CeramiCoat™

with CERAMICS Thermal Barrier

Elastomeric Insulating Paint

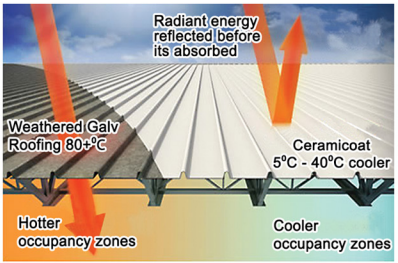
CoolRoof™ Solution

ENERGY EFFICIENCY, **COMFORT** AND DURABILITY.

DESCRIPTION

CeramiCoat Elastomeric Insulating Paint is a water based engineered acrylic solar reflective coating that reflects 80% of the sun's heat. It contains ceramic fillers that releases absorbed heat faster than ordinary paint. It does not contain extenders like calcium carbonate and talc (chalk) that deteriorates after exposure to harsh weather.

CeramiCoat Elastomeric Insulating Paint is easy to clean - contains special polysiloxane emulsion that releases dirt, stain and other contaminants from everyday pollution. Polyurethane polymer modifications make the coating durable and long lasting.



How does CeramiCoat work?

The sun's solar radiation are composed of three basic spectrums, namely UV, Visible and Infrared. Of the three, infrared has the widest spectrum and is responsible for heating the Earth's surface.

Ceramicoat, thru its high solar reflectance of 0.8, reflects heat back to the atmosphere. The other 20% of heat that pass through the coating is then released by Ceramicoat's high thermal emittance value of 0.95 because of its ceramic fillers.

Solar Reflective Index

The solar reflective index is calculated by the solar reflectance value and the thermal emittance value. The higher value indicates higher solar reflectivity.

SRI of Ceramicoat = >100

Main Advantages and Benefits

- **Reflects 80% of sun's Heat**
- **Releases absorbed heat faster**
- **SRI of more than 100**
- **Weather and UV Resistant**
- **Energy Savings and Cost Effectiveness**
- **Low Maintenance and Durable**
- **Industrial and Commercial Use**

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COMPOSITION

Engineered Acrylic Emulsion
Polysiloxane Emulsion
Polyurethane Polymers
Titanium Dioxide
Ceramic Fillers

APPLICATIONS

- Commercial buildings
- Factories & Warehouses
- Hospitals & Malls
- Storage Facilities
- Oil & Gas Depots
- Poultries & Piggeries
- Etc.

PHYSICAL AND CHEMICAL PROPERTIES

Color:	White
pH:	8.5 - 9.0
Specific Gravity:	1.36 kg./liter +/- 1%
Solid Content:	54-55%
Gloss Level:	Satin
Coverage:	20 sq.m. / 4 liters / coat

SURFACE PREPARATION

- Surface must be clean, dry, and stable and free from dust, dirt, oil, grease and other contaminants prior to painting.
- Repair any imperfections and fill cracks, holes and nail heads with an exterior filler.
- Treat any fungus-growth areas

PREVIOUSLY PAINTED SURFACES

- Ensure the previously painted surface is stable.
- Remove all loose, peeling and flaking paint film by high-pressure wash or scrapper.
- The previously painted surface must be clean, dry, and stable and free from dust, dirt, oil, grease and other contaminants prior to painting.
- Fill cracks, holes and nail heads with an exterior filler.

TYPICAL USES

- As a three coat insulation system on roofs to block the migration of Solar Heat gain.
- Excellent weather resistance
- Excellent dirt pick-up resistance

PACKAGING: 4 liters, 16 liters

DRYING TIME: Touch Dry - 2 hour at 30°C

OVERCOATING TIME: 4 hours based on normal conditions

CLEANUP

Clean up excess with damp cloth before sealant cures.

STORAGE

Store in a cool, dry place at room temperature. Product must be used within one year of purchase.

Notice

The technical data contained herein are true and accurate to the best of our knowledge. Published technical data and instructions are subject to change without prior notice.

CAMPBRIDGE PAINTS
The Waterproofing Company

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