**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 release absorbed heat faster than ordinary paint. It does not contain extenders like calcium carbonate and talc (chalk) that deteriorate 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
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 scraper.
• 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.

M.S.D.S.: Available upon request.

DISCLAIMER: The product information and application details given by the company and its agents has been provided in good faith and meant to serve only as a general guideline during usage. Users are advised to carry out tests and take trials to ensure on the suitability of products meeting their requirement prior to full scale usage of our products. Since the correct identification of the problems, quality of other materials used and the on-site workmanship are factors beyond our control, there are no expressed or implied guarantee/warranty as to the results obtained. The company does not assume any liability or consequential damage for unsatisfactory results, arising from the use of our products.