

**FEATURES**

: Ceramic Coating is an emulsion of high grade acrylic resin in water. It dries by evaporation to yield although, velvety, non-yellowing, water repellent surface with exceptional abrasion resistance and ultraviolet stability.
When applied Ceramic Coating directly to rust will prevent further rusting problems. Unlike other coatings the added advantage of ceramic particles. These are the heat and cold dissipating elements in Ceramic Coating that give it the ability to save on heating and cooling costs. It is applied to yield a tough, watertight, roof membrane.

USES

: Ceramic Coating are sprayed or painted for;

- metal sheet
- tiles
- Concrete
- Exterior Wall
- Guttef
- wood

ADVANTAGES

: - Ability to reflect heat energy from the sun very high.
- Reduce roof cracking problems and building walls due to thermal stretching and contraction (Thermal Snock).
- Thermal Resistance Value =3.84 m² degrees K/W.
- Save energy and costs. of the air conditioning system.
- Non-flammable and does not spread fire.
- Resistant to all weather conditions
- Safe and non-toxic to the environment. Does not produce dust or toxic mist. Mix with the air and systems within the building. The product is a water-based acrylic paint, so it is free from toxic substances whether it is in a liquid state or in a dry layer. By testing in the laboratory, it was found that There are no side effects.
- The color does not fade because of the use of color mixing methods. With high technology and resistance to weather conditions, UV rays, the color will not fade. Long service life of more than 5 - 10 years
- Does not peel off, does not crack, does not crack, does not swell, does not blister, resistant to chemicals, acids and alkalis such as battery acid, sulfuric acid, chloride, etc.

**TECHNICAL INFORMATION****Thermal Properties**

Properties	Value	Standard of Testing	Certificate No.	Testing done by
Solar Reflectance	94.20%	JIS R - 3106	ISTRS / 4733	Kingmongkut's University of technology Thonbur (KMUTT)
Solar Absorptance	5.80%	JIS R - 3106	ISTRS / 4733	
Thermal Emittance	-	-	ISTRS / 4733	

Physical Properties

Properties	Value	Standard of Testing	Certificate No.	Testing done by
Surface Adhesion	42.6 kg/cm	ASTM C 633	864/44 -2	MTEC (1) Department of Science
Fungai Resistance	No Fungai Growth	TIS 285 Part 21	255-3/46	TISTR (2)
Elogation	200%	ASTM D 412	0505/10252	Service , MOST
Flexibility	No Cracking	TIS 272-2541	255-2/46	TISTR
Water transmission	No water Transmit	TIS 272-2541	255-2/46	TISTR
Chemcal Resisstance	Nocorrosion	TIS 1097-2535	959/43	TISTR
Service Temperature	120°C	Direct Heating	TH - 38190	TISTR Laboratory
Water Resistance	Pass	ASTM G - 53	256-1/46	TISTR

SURFACE PREPARATION

: The substrate must be clean, sound, dry and free from dust, oil, grease, laitance, etc. All traces of form release agents/ curing agent must be removed. A light sanding with suitable abrasive material / machine is recommended before application any resulting dust / loose particles after sanding must be removed. Priming with the recommended Primer will be enhance adhesion.

APPLICATION

: Ceramic Coating can be applied by brush, Roller and airless spray equipment. At least three coats are recommended. Allow 30 minutes to dry before apply the next coat.



CLEANING

: Wash all tools immediately after use with water.

STORAGE

- Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition.
- Containers must be kept tightly closed.

PACKING

: 4 kg., 18 kg. in plastic pale.

SHELF LIFE

: 12 months in un-opened original container and kept in recommended storage condition.

DISCLAIMER

: This information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything only the quality of the product itself. We reserve the right to change the given data without notice.