



## UCOCOOL

ST-178

### Heat Reflecting Surface Coating Compound

#### Product

UCOCOOL is a Heat Reflecting Surface Coating Compound to prevent heating.

#### Description

UCOCOOL is a Heat Reflecting Surface Coating Compound. It reflects nearly 70% of UV and IR Rays that helps in reduction of temperature up to 15-20°C.

#### Technical Data

Form .....Powder  
Colour .....White  
Chloride content.....Nil  
W/P ratio.....0.35 (approx.)

#### Advantages

- Ready to use, just add water. W/P ratio 0.35 (approx.)
- Simple one coat application
- Non-toxic and chloride-free
- Reflects nearly 70% of UV and IR Rays
- Reduction of temperature up to 15-20°C
- Reduces energy cost up to 25-30%
- Low cost of application
- Less/No maintenance cost

#### Purpose

To prevent excess heating and to reduce inside temperature.

#### Where to use

- Terrace or roof of Air-conditioned Buildings, Apartments, Commercial Building, Factory, Houses, Hospitals, Office Buildings, Warehouses, etc.
- Sheet Roofing or RCC Roofs
- PVC/RCC Water Storage Tanks

#### Method of Use

##### 1. Surface Preparation

Surface should be mechanically prepared by bush hammering, grit blasting etc. and should be free of all dust, oil paint, laitance etc. The prepared concrete or surface should be dampened down with clean water immediately prior to the application of UCOCOOL.

##### 2. Mixing

Add UCOCOOL to the mixing bucket/trey containing water to obtain thick creamy consistency start with stiffer mix and gradually add more water to the required water demand (approx. 35 to 40 %) while mixing mix thoroughly for additive to dissolve. Apply with steel trowel or spatula at the thickness of 2-3 mm. No curing procedure is normally required.

#### Coverage

2 m<sup>2</sup> – 2.5 m<sup>2</sup>/Kg (Coverage might vary depending on the type of surface)

**Packing**

25 Kg Bags

**Storage**

- UCOCOOL has a shelf life of 12 months from the date of manufacturing, if stored as per manufacturer's instructions & in manufacturer's original unopened packing.
- Keep away from direct sunlight and store in dry & shade.
- Protect from freezing and moisture.

**Handling Precaution**

- UCOCOOL is an industrial chemical; required handling precautions should be followed.
- UCOCOOL is non-flammable and doesn't contain any flammable ingredient.
- UCOCOOL is non-hazardous, however inhalation of its dust particles should be avoided. Use of facemask is recommended.
- Prolonged contact with skin should be avoided. Use rubber gloves and boots, when working overhead, goggles should be worn.
- Contact with eye should be avoided. If in contact with eye, wash with water and take medical advice immediately.

**Important Note:**

All products should be used in accordance with manufacturers instructions. Every effort is made to ensure that the information is reliable, however we do not accept any responsibility for any work carried out with our material(s) as we have no control over the method(s) used for application, site conditions, weather conditions, etc.

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**INNOVATIVE**  
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