



## **Technical Data Sheet**

### **ROOF-COOL ELASTOMERIC PAINT**

#### **Description:**

ROOF-COOL Elastomeric paint is Heat Reflective Paint which is revolutionary water based coating material with dual properties of cooling and sealing. When applied to external surfaces it effectively reduces the room temperature to the extent of 8°C to 10°C due to insulating property of the material and also helps in sealing hairline cracks, there by arresting the leakages. It contains special Eco friendly anti fungal properties, which prevents the paint film from fungal and algae attacks. This elastomeric coating fills in voids and seals them to maintain clean surface which is completely washable.

#### **Recommended Usage:**

Roof-cool elastomeric paint can be used concrete roofs, Asbestos sheet, Water tanks [concrete/Plastic] & GI / Aluminum surfaces.

#### **Features:**

1. Keeps interior cooler to save energy.
2. Reflects 90% of the sun's rays and hence heat transfer to surface is reduced drastically.
3. Its elastic in nature hence expands and contracts according to temperature variation which covers hairline cracks.
4. Hides dirt and is UV resistant.
5. Protects against moisture
6. Environment friendly products.



### **Surface Preparation:**

Surface for treatment must be thoroughly cleaned of all dirt, loose material, oil, grease, etc. by using wire brushing. Wipe clean and sand the surface with sand paper and vacuum clean. Finally wash with clean water.

### **Application Procedure :**

#### **FOR CONCRETE FLOOR:**

Apply single coat of Rayband's Alkali resistant O/B Primer on the surface and start application of ROOF-COOL paint. Apply 2 coats by diluting about 300 ml water per litre of paint with 6 hours of recoating interval. [In summers preferably apply at night or early morning when the surface is comparatively cooler]

#### **FOR GI-SHEET or ALUMINUM SRFACE:**

Apply single coat of Rayband's GI Wash primer on the GI-Sheet/Aluminum, subsequently apply single coat of Rayband's Alkali resistant O/B Primer white on the surface to improve better adhesion and start application of ROOF-COOL paint. Apply 2 coats by diluting about 300 ml water per litre of paint with 6 hours of recoating interval. [In summer preferably apply at night or early morning when the surface is comparatively cooler]

#### **FOR PLASTIC-WATER TANKS ON EXTEROR:**

Apply single coat of Rayband's Alkali resistant O/B Primer on the exteriors surface to improve better adhesion and start application of ROOF-COOL paint. Apply 2 coats by diluting about 300 ml water per liter of paint with 6 hours of recoating interval. [In summer preferably apply at night or early morning when the surface is comparatively cooler]



<b>Technical Data</b>	
<b>Nature</b>	: <b>Single component</b>
<b>Appearance</b>	: <b>White Paste</b>
<b>Coverage</b>	: <b>70 - 80 sq feet/coat</b>
<b>Coating thickness</b>	: <b>100 microns DFT for 2 coats</b>
<b>Re-coating period</b>	: <b>Min 6 hours @ 30°C</b>
<b>Method of application</b>	: <b>By brush, roller or spray</b>
<b>Substrate</b>	: <b>Cement asbestos, GI-Sheet, Water Tanks</b>
<b>Life</b>	: <b>About 2 to 3 years</b>

**Safety:**

As a general rule avoid contact with eyes. If contact happens, clean immediately with water. Clean hands with water and soap solution after painting.