



ECO RUBBER CY LIMITED | Anatoliko Industrial Area, Agia Varvara, Paphos, 8501 | Tel: (+357) 99194652  
 www.ecorubber.com.cy | info@ecorubber.com.cy | waterproofing at its best

**INFO SHEET: ECO INSULATE**

<b>PRODUCT DESCRIPTION</b>	<ul style="list-style-type: none"> <li>Eco Rubber is a waterproofing barrier coating formulated on an elastomeric polymer base.</li> <li>This water-borne coating boasts with cutting-edge technology and the formulation is highly UV resistant.</li> <li>Eco Rubber provides superior adhesion that has been proven resistant to weathering, chalking and cracking.</li> <li>This product creates a waterproofing membrane barrier that is UV reflective and prevents corrosion on metal substrates.</li> <li>The external coating significantly reduces colour fading due to its anti-oxidization colouring technology.</li> </ul>										
<b>PRODUCT BENEFITS</b>	<ul style="list-style-type: none"> <li>Improves lifespan of coated substrates</li> <li>Thermal (reflective) insulation reduces cooling costs</li> <li>Corrosion control</li> <li>Encapsulation (Asbestos)</li> <li>Highly stretchable and contracts to its original form, therefore withstands thermal cycling</li> <li>Non-solvent based which makes it environmentally friendly and can be applied where rainwater is harvested</li> <li>No negative effect on human or animal life</li> <li>Waterproofing that can withstand ponding of water for up to 48hours</li> <li>Can be applied to most construction materials but specifically formulated for reduction of interior temperatures, including shipping containers</li> <li>Can be airless sprayed, painted or roller applied</li> <li>Standard ambient temperature application, no heating or propane flame heating required</li> </ul>										
<b>THERMAL REDUCTION BENEFIT</b>	<ul style="list-style-type: none"> <li>Metal Sheeted Areas           <table border="1" data-bbox="352 1350 874 1574"> <thead> <tr> <th>Ambient Temp °C</th> <th>Reduction %</th> </tr> </thead> <tbody> <tr> <td>18</td> <td>7</td> </tr> <tr> <td>25</td> <td>27</td> </tr> <tr> <td>36</td> <td>37</td> </tr> <tr> <td>45</td> <td>43</td> </tr> </tbody> </table> <ul style="list-style-type: none"> <li>Lower temperature losses were recorded where exterior ambient temperatures went below 8°C</li> <li>Creates a cooler environment with less mechanical cooling required</li> <li>More significant reduction in temperatures are experienced where higher substrate temperatures are recorded</li> </ul> </li> </ul>	Ambient Temp °C	Reduction %	18	7	25	27	36	37	45	43
Ambient Temp °C	Reduction %										
18	7										
25	27										
36	37										
45	43										

**TECHNICAL DATA**

<b>PARAMETER</b>	Pure Acrylic Polymer
<b>FINISH</b>	Homogeneous: smooth, white
<b>SELF PRIMER</b>	Positive
<b>PH</b>	8.68

**waterproofing at its best**

<b>VISCOSITY</b>	128ku
<b>SPECIFIC GRAVITY</b>	0.9522
<b>TOXICITY</b>	Material is non-toxic and requires no special ventilation during application
<b>FLAMMABILITY</b>	Non-Flammable. Does not support flame spread. Class 3
<b>PACKAGE STABILITY</b>	One year + after opening; no settling or other undesirable effects. Material is completely dispersed after opening
<b>ABRASION RESISTANCE</b>	Medium to high. Not suitable for high traffic areas
<b>ELONGATION</b>	70% with 100% recovery
<b>FUNGUS RESISTANCE</b>	No fungus growth when material was tested in an environment in which 3 organisms were present.
<b>V.O.C</b>	78 grams per Litre
<b>WATER %</b>	26%
<b>SOLIDS BY MASS</b>	50%
<b>FILM HARDNESS</b>	Flexible. Will not harden over time
<b>FLASH POINT</b>	Waterborne – not flammable
<b>FIRE INDEX</b>	Class 3
<b>UV RESISTANCE</b>	Will start to degrade after 7 to 10+ years
<b>CHEMICAL RESISTANCE</b>	Resistant to common acids and alkaline spill at medium to high concentrations.

### STANDARD PACKAGING

<b>PACKAGING</b>	20kg
------------------	------

### MATERIAL APPLICATION

<b>SURFACE PREPARATION</b>	<ul style="list-style-type: none"> <li>Surfaces to be sprayed / painted must be cleaned thoroughly and allowed to dry. They must be free from dirt, grease and other foreign matter. Allow all surfaces to dry completely prior to painting</li> <li>Avoid application when the moisture is above 15%</li> <li>Remove all unstable paint film</li> <li>Repair defective surfaces before application.</li> </ul>
<b>MATERIAL</b>	Single component, ready-to-use from container with little stirring required.
<b>APPROXIMATE COVERAGE</b>	1kg per square meter
<b>APPLICATION TEMPRATURE RANGE</b>	Above 10°C
<b>RECOATING</b>	Excellent
<b>PRIMARY CURE</b>	3 hours at 25°C
<b>FINAL CURE TIME</b>	3-5 Days
<b>THINNER (VOLUME)</b>	Must <b>NOT</b> be thinned

### HEALTH AND SAFTEY

<b>SAFTEY PRECAUTION</b>	<ul style="list-style-type: none"> <li>Keep container tightly closed and keep out of reach of children and away from food and drink</li> <li>In case of contact with eye, rinse with water immediately and seek medical advice</li> <li>Remove splashes from skin by using soap and water</li> <li>Always keep container in a secure, upright position</li> <li>Dispose of any paint waste in accordance with the appropriate EHS</li> </ul>
--------------------------	--

**waterproofing at its best**

	regulations
--	-------------

**Note:**

We warranty only the quality of the product. The data sheet information is based on results obtained from experience and tests.

We reserve the right to change data without prior notice.

**waterproofing** at its best