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 www.ecorubber.com.cy | info@ecorubber.com.cy | waterproofing at its best

INFO SHEET: ECO CRETE

PRODUCT DESCRIPTION	<ul style="list-style-type: none"> Eco Rubber is a waterproofing barrier coating formulated on an elastomeric polymer base. This water-borne coating boasts with cutting-edge technology and the formulation is highly UV resistant. Eco Rubber provides superior adhesion that has been proven resistant to weathering, chalking and cracking. This product creates a waterproofing membrane barrier that is UV reflective and prevents corrosion on metal substrates. The external coating significantly reduces colour fading due to its anti-oxidization colouring technology.
PRODUCT BENEFITS	<ul style="list-style-type: none"> Improves lifespan of coated substrates Thermal (reflective) insulation reduces cooling costs Corrosion control Encapsulation (Asbestos) Highly stretchable and contracts to its original form, therefore withstands thermal cycling Non-solvent based which makes it environmentally friendly and can be applied where rainwater is harvested No negative effect on human or animal life Waterproofing that can withstand ponding of water for up to 48hours Can be applied to most construction materials but specifically formulated for concrete surfaces, even architecturally difficult area such as services gantries Can be airless sprayed, painted or roller applied Standard ambient temperature application, no heating or propane flame heating required

TECHNICAL DATA

PARAMETER	Pure Acrylic Polymer
FINISH	Homogeneous: smooth, various colours
SELF PRIMER	Positive
PH	8.61
VISCOSITY	126ku
SPECIFIC GRAVITY	1.299
TOXICITY	Material is non-toxic and requires no special ventilation during application
FLAMMABILITY	Non-Flammable. Does not support flame spread. Class 3
PACKAGE STABILITY	One year + after opening: no settling or other undesirable effects. Material is completely dispersed after opening
ABRASION RESISTANCE	High. Suitable for high traffic areas
ELONGATION	50% with 100% recovery
FUNGUS RESISTANCE	No fungus growth when material was tested in an environment in which 3 organisms were present.
V.O.C	78 grams per Litre
WATER %	9%

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SOLIDS BY MASS	60%
TSC	64%
FISH EYE TEST	Non-passed
FILM HARDNESS	Flexible. Will not harden over time
FLASH POINT	Waterborne – not flammable
FIRE INDEX	Class 3
UV RESISTANCE	Will start to degrade after 7 to 10+ years
CHEMICAL RESISTANCE	Resistant to common acids and alkaline spill at medium to high concentrations.

STANDARD PACKAGING

PACKAGING	20kg
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MATERIAL APPLICATION

SURFACE PREPARATION	<ul style="list-style-type: none"> 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 Avoid application when the moisture is above 15% Remove all unstable paint film Repair defective surfaces before application.
MATERIAL	Single component, ready-to-use from container with little stirring required.
APPROXIMATE COVERAGE	1kg per square meter
APPLICATION TEMPRATURE RANGE	Above 10°C
RECOATING	Excellent
PRIMARY CURE	3 hours at 25°C
FINAL CURE TIME	3-5 Days
THINNER (VOLUME)	Must NOT be thinned

HEALTH AND SAFTEY

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

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