



ECO CRETE DATA SHEET

PRODUCT DESCRIPTION	<ul style="list-style-type: none"> • Eco Crete is a waterproofing protective and decorative coating, formulated on an elastomeric polymer base. • This water-borne coating boast with cutting edge technology where the formulation is highly UV resistant. • Eco Crete provides superior adhesion that proof to resist weathering, chalking and cracking. • This product creates a waterproofing membrane barrier that is UV reflective. • The external coating proofs to show significant reduction in colour fading due to the oxide colouring technology that is applied.
PRODUCT BENEFITS	<ul style="list-style-type: none"> • Improves life span of substrates that were coated* Waterproofing at its best!! • Stretchable and contract to its original form, therefore with standing thermal cycling. • No solvents, there for it is Environmentally Friendly and can be applied were rainwater is harvested. • No negative effect on human or animal life. • Waterproofing that can with stand ponding. • Formulated for concrete surfaces even Architectural difficult area such as services gantries. • Spray, paint or roller applied • Total ambient temperature application, no heating or propane flame heating required.

MATERIAL APPLICATION

SURFACE PREPARATION	<ul style="list-style-type: none"> • Surfaces to be sprayed / painted must be cleaned thoroughly and dry, it must be free from dirt, grease and other foreign materials. • Allow all surfaces to dry completely prior to painting. • Avoid application when the moisture is above 15% • Remove all unstable paint film. • Repair defected surfaces before application.
MATERIAL	Single component, ready-to-use from container with little stirring required.
APPROXIMATE COVERAGE	1 kg per square meter
APPLICATION TEMPERATURE RANGE	Above 10°C
RECOATING	Excellent
PRIMARY CURE	3 hours at 25°C
FINAL CURE TIME	3 - 5 Days
AIRLESS SPRAY	Pressure : 1600 - 1700 psi
THINNER (VOLUME)	Must NOT be thinned

TECHNICAL DATA

PARAMETER	Pure Acrylic Polymer
FINISH	Homogeneous: smooth, various colours
SELF PRIMER	Positive
PH	8.61
VISCOSITY	126 ku
SPECIFIC GRAVITY	1.299
TOXICITY	Material is non-toxic & requires no special ventilation during application. Contains no materials considered to be health hazards.
FLAMMABILITY	Non-flammable. Does not support flame spread. Class 3
PACKAGE STABILITY	One year + after opening: no settling or other undesirable effects. Materials completely dispersed after stirring.
ABRASION RESISTANCE	Medium to High. Suitable for height foot traffic areas
ELONGATION	50% with a 100% full memory
FUNGUS RESISTANCE	No fungus growth when material tested in an environment of three organisms.
V.O.C	78 grams per Litre
WATER, %	9%
SOLIDS BY MASS	60%
TSC	64%
FISHEYE TEST	Non - Passed
FILM HARDNESS	Flexible
FLASH POINT	Water borne - not flammable
FIRE INDEX	Class 3
UV RESISTANCE	Will start to degrade after 7 - 10 + years

STANDARD PACKAGING

PACKAGING	20 kg / 200 kg
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HEALTH & SAFETY

SAFETY PRECAUTIONS	<ul style="list-style-type: none">• Keep container tightly closed and keep out of reach of children or away from food and drink.• In case of contact with eye, rinse with plenty of water immediately and seek medical advice.• Remove splashes from skin by using soap or 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 our product and the data sheet is based on results obtained from experience and tests.
- We reserve the right to change data without prior notice.