



ECO CRETE

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| 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 create 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. |
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| PRODUCT BENEFITS | <ul style="list-style-type: none"> * Improves life span of substrates that were coated * Waterproofing at it's 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. * 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. |
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MATERIAL APPLICATION

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| 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

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| 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 & requires no special ventilation during application. Contains no materials considered to be health hazards. |
| FLAMMABILTY | 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 high 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% |
| FISH EYE 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

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| PACKAGING | 20 kg / 200 kg |
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HEALTH & SAFETY

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| 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 off 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.