

# RESIKON- COASTAL

## TECHNICAL DATA SHEET



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| <b>INTRODUCTION</b> | RESIKON- COASTAL is a chemically modified acrylic copolymer used in combination with Portland cement. These two components should be mixed at site with paddle type mixer to form slurry of creamy thick paint consistency. Water can be added in a small proportion to get workable consistency. |
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| <b>AREAS OF APPLICATION</b> | RESIKON COASTAL, provides corrosion protective system for steel structures in humid conditions, corrosive atmosphere like sea / salt water environment. It is suitable for bridge decks, water tanks (non-potable), drilling platforms and steel etc. |
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| <b>FEATURES &amp; BENEFITS</b> | <ul style="list-style-type: none"> <li>▪ Ease of application</li> <li>▪ Excellent corrosion protection</li> <li>▪ Withstands 100 hrs of Salt Spray [as primer with top coat]</li> <li>▪ Pull of adhesion - &gt; 1.8 Mpa [on rusted substrate]</li> <li>▪ Improves adhesion between concrete and rebars</li> </ul> |
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|---------------------------------|---|------------|----------------------|--------------|-------------------|----------------|----------|------------|-------------|---------------------------------|---------|---------------|-------------|---------------------------|-------------|
| <b>PHYSICAL PROPERTIES</b>      | <table style="width: 100%; border: none;"> <tr> <td style="padding-right: 20px;">Appearance</td> <td>: Milky white liquid</td> </tr> <tr> <td>Polymer type</td> <td>: Styrene-Acrylic</td> </tr> <tr> <td>% Total Solids</td> <td>: 40 ± 1</td> </tr> <tr> <td>pH (as is)</td> <td>: 8.0 – 9.5</td> </tr> <tr> <td>Viscosity by B4 FC at 30°C[sec]</td> <td>: 12-15</td> </tr> <tr> <td>Film Property</td> <td>: Excellent</td> </tr> <tr> <td>Compatibility with cement</td> <td>: Excellent</td> </tr> </table> | Appearance | : Milky white liquid | Polymer type | : Styrene-Acrylic | % Total Solids | : 40 ± 1 | pH (as is) | : 8.0 – 9.5 | Viscosity by B4 FC at 30°C[sec] | : 12-15 | Film Property | : Excellent | Compatibility with cement | : Excellent |
| Appearance                      | : Milky white liquid  |            |                      |              |                   |                |          |            |             |                                 |         |               |             |                           |             |
| Polymer type                    | : Styrene-Acrylic   |            |                      |              |                   |                |          |            |             |                                 |         |               |             |                           |             |
| % Total Solids                  | : 40 ± 1  |            |                      |              |                   |                |          |            |             |                                 |         |               |             |                           |             |
| pH (as is)                      | : 8.0 – 9.5   |            |                      |              |                   |                |          |            |             |                                 |         |               |             |                           |             |
| Viscosity by B4 FC at 30°C[sec] | : 12-15   |            |                      |              |                   |                |          |            |             |                                 |         |               |             |                           |             |
| Film Property                   | : Excellent   |            |                      |              |                   |                |          |            |             |                                 |         |               |             |                           |             |
| Compatibility with cement       | : Excellent   |            |                      |              |                   |                |          |            |             |                                 |         |               |             |                           |             |

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| <b>INSTRUCTIONS FOR USE</b> | The performance of coating depends upon the surface preparation and hence correct surface preparation is very important. Surface should be clean and free from oil, grease, poorly bonded coating, loose scale etc. Badly corroded |
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|                    | <p>surface should be treated with AMCOR RR (Rust Remover) before applying RESIKON COASTAL/cement coating system.</p> <p>The coating system for reinforcement steel bars can be prepared in the following manner.</p> <p>Portland cement / white cement : 1 kg.<br/> RESIKON COASTAL : 1 kg<br/> Water : To get workable consistency</p> <p>RESIKON COASTAL can also be mixed with cement and fine silica sand in the following manner.</p> <p>Cement : 1 kg.<br/> Fine silica : 0.3 kg.<br/> RESIKON COASTAL : 1 kg.<br/> Water : To get workable consistency</p> <p>Coating can be applied by brush, roller, spraying or by dipping. Minimum two coats are recommended, If dipping method is not used dry film thickness should be minimum 500 microns. The pot life of the mix varies from 1 to 1.5 hours depending on temperature and humidity</p> |
| <b>COVERAGE</b>    | 15 - 20 Sq. ft. per kg of RESIKON COASTAL   |
| <b>PACKING</b>     | 1, 5 and 20 kg HDPE containers.   |
| <b>SHELF LIFE</b>  | RESIKON COASTAL can be stored in packed condition for one year.   |
| <b>SAFETY DATA</b> | <p><b>HEALTH HAZARD:</b> RESIKON COASTAL is basic in nature. It is recommended to take necessary precaution. Use rubber hand gloves, splash goggles etc. Direct contact with any part of the body, especially with eyes must be avoided. In case of contact or splash into eyes, wash with water immediately and consult a physician.</p> <p><b>FIRE HAZARD:</b> By itself it cannot catch fire. If comes in contact with alkali, heat and fumes can generated.</p>   |

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This information is given to the best of our knowledge. There is no legally binding assurance of certain properties for a specific purpose. The customer is responsible for determining whether the product and Information provided here is appropriate for his use. It is the sole responsibility of the customer to ensure that any proprietary rights and existing laws and legislation are observed.

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