



RESIKON-600

TECHNICAL DATA SHEET

INTRODUCTION	RESIKON - 600 is specially designed Styrene acrylic emulsion which can function as polymer admixture for concrete and mortar.																
AREAS OF APPLICATION	RESIKON - 600 can be extensively used as <ul style="list-style-type: none">• Bond coat with cement for repair purpose.• Helps in reducing permeability and porosity in concrete and mortar structures.• Admixture to impart toughness and flexibility• Admixture to improve workability																
FEATURES & BENEFITS	RESIKON 600 increases tensile and flexural strength, exhibits good adhesion of mortar on various surface, good bonding properties and cost effective.																
TYPICAL PROPERTIES	<table><tr><td>Appearance</td><td>: White liquid</td></tr><tr><td>Type</td><td>: Styrene Acrylic</td></tr><tr><td>Viscosity by B4 FORDCUP 30°C [sec]</td><td>: 13 - 17</td></tr><tr><td>pH</td><td>: 9 -11</td></tr><tr><td>% Solid Content</td><td>: 46.5 ± 0.5</td></tr><tr><td>Freeze/Thaw Stability</td><td>: 5 Cycles</td></tr><tr><td>MFFT</td><td>: 2-6°C</td></tr><tr><td>Specific gravity</td><td>: 1.04 – 1.06</td></tr></table>	Appearance	: White liquid	Type	: Styrene Acrylic	Viscosity by B4 FORDCUP 30°C [sec]	: 13 - 17	pH	: 9 -11	% Solid Content	: 46.5 ± 0.5	Freeze/Thaw Stability	: 5 Cycles	MFFT	: 2-6°C	Specific gravity	: 1.04 – 1.06
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INSTRUCTIONS FOR USE	RESIKON 600 is a modified acrylic polymer used for following applications <i>A] Bond coat</i> For improving adhesion between old and new concrete, application of bond coat is required. Bond coat is prepared by																

	<p>mixing RESIKON 600 and cement in ratio of 1:1 (1 kg RESIKON 600 and 1 kg cement)</p> <p><i>B] Polymer Cementitious Mortar</i></p> <p>Prepare the mortar using the following composition:</p> <table border="0"> <tr> <td>Cement:</td> <td>50 kg</td> </tr> <tr> <td>Sand:</td> <td>150 kg</td> </tr> <tr> <td>RESIKON 600:</td> <td>5-10 kg</td> </tr> <tr> <td>Water:</td> <td>20-25 kg</td> </tr> </table> <p>Apply above mortar by hand or by using trowel.</p>	Cement:	50 kg	Sand:	150 kg	RESIKON 600:	5-10 kg	Water:	20-25 kg
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S PACKING	5, 20 and 240 kg in HDPE containers
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SHELF LIFE	RESIKON 600 can be stored for twelve months in a tightly closed container kept under shade.
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SAFETY DATA	<p>HEALTH HAZARD: RESIKON 600 is basic in nature. It is recommended to take necessary precaution, which one would take while handling alkaline substance. 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>FIRE HAZARD: By itself it cannot catch fire. If comes in contact with alkali, heat and fumes can get generated.</p>
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DISCLAIMER	<p>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.</p>
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