



RESIKON-SP110 **SNF BASED SUPERPLASTICIZER**

TECHNICAL DATA SHEET



INTRODUCTION	RESIKON SP-110 is based on sulphonated naphthalene formaldehyde condensate polymer specially formulated to provide desired water reduction with improved workability in cement mortar and concrete. It also gives early strength and improved final strength to the concrete.
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AREAS OF APPLICATION	Addition of RESIKON SP-110 disperses cement particles thus minimizes the segregation and makes the concrete more flowable. Reduces water cement ratio resulting in more dense / compact concrete and low permeability. Produces concrete with increased durability.
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FEATURES & BENEFITS	<p>This specially formulated product imparts several characteristic features to concrete such as</p> <ul style="list-style-type: none">• Reduction in water cement ratio• Improvement in flow behavior• Improves compactness• Reduction of setting time
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PHYSICAL PROPERTIES	Appearance : Brownish black Liquid
	Specific gravity@30 °C : 1.20 – 1.23
	% Total Solids : 40 ± 2
	Viscosity by B4 FC at 30°C[sec] : 13 -17
	pH : 7-9
	Chloride content : As per IS Standard
	Workability : Excellent
	Toxicity : Non-toxic
	Chloride (%) : Nil
	Sulphate (%) : Nil

INSTRUCTIONS FOR USE	<p>RESIKON SP-110 can be used in the range Of 300 – 400 ml per bag of 50 kg cement depending upon the desired workability. It's addition should be done along with the final water addition. It is recommended to have site trials in the prevailing atmospheric conditions to determine the optimum dosage.</p> <p>Over dosage would increase the workability at the expense of reduced setting time, however, final concrete strength would not be affected.</p>
PACKING	20, 50, 110 and 240 kg HDPE / MS containers.
STORAGE	RESIKON SP-110 can be stored for twelve months in a tightly closed container kept under shade
SAFETY DATA	<p>HEALTH HAZARD: RESIKON SP-110 is non toxic 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>
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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