



DUBI CHEM MARINE INTERNATIONAL EST

RX MARINE INTERNATIONAL

AN ISO CERTIFIED COMPANY

00971 56 1071115 / 00971 56108115



Super plasticizer

Part/Order no:

RXSOL-67-6704-210

Packing

210.00 Ltr.

Description

Superplasticizer RXSOL-67-6704 is a brown color sulphonated formaldehyde condensate and sulphonated naphthalene based admixture for use as a Superplasticizing admixture or high ranger Water Reducer admixture for all types of concrete. This is in conformation to IS Code 9103:1999. Also meets the requirement of ASTM C 494, Suitable for ready mix concrete plants, it is capable of high work ability retention up to 2-3 hrs with set retarding effect that helps to produce flowing concrete in hot climates. Further, it assists in long distance transportation of concrete. This has been formulated to reduce water requirement and to provide excellent plasticity and

higher slump for both horizontal and vertical applications. RXSOL-67-6704 is manufactured under stringent quality control to ensure uniform and superior performance

Application:

Superplasticizer RXSOL-67-6704 is utilized to provide high workability to cement or aggregate mix without adding extra water. It assists in improving retention of high workability without excessive retardation of set. It is suitable to use in high temperature & can be easily transported for long distances. RXSOL-67-6704 can be used in all type of ready-mix and precast concrete where durable concrete with low water-cement ratio, high strength and low permeability is specified and in applications where high slump flowable concrete is required.

Dose:

RXSOL-67-6704 dosage should be determined according to the job specific requirements. Dosage rate will vary depending on the temperature, type of cement, percentage of supplementary cementitious material, fineness of sand and water content. RXSOL recommends that trial mixes are performed in order to establish the

required dosage and a regular process control tests should be conducted in order to adjust the admixture dosage In general practice Normally dispensed at a rate of 0.7-1.5 Liters per 100kg of cement It may also be added separately to freshly mixed concrete It should be preferably added directly to water prior mixing to the wet aggregate However, actual site trials should be conducted for finding exact dosages

(An indicative example: With control slump of 50 mm collapsible slum can be achieved for 15-30 min, 1 hr/170mm, 2 hr/150 mm & 3hr 120 mm depending on temperature & humidity condition with admixture dosage of 0.7% of the wt. of cement). Dosage may be increased or decreased depending upon slump required, humidity conditions, temperature & mix design. The above example is just for indication



For Any Enquiry /Problem/ Technical Assistants Pls. Mail Us. On :-mail@rxmarine.com

Note

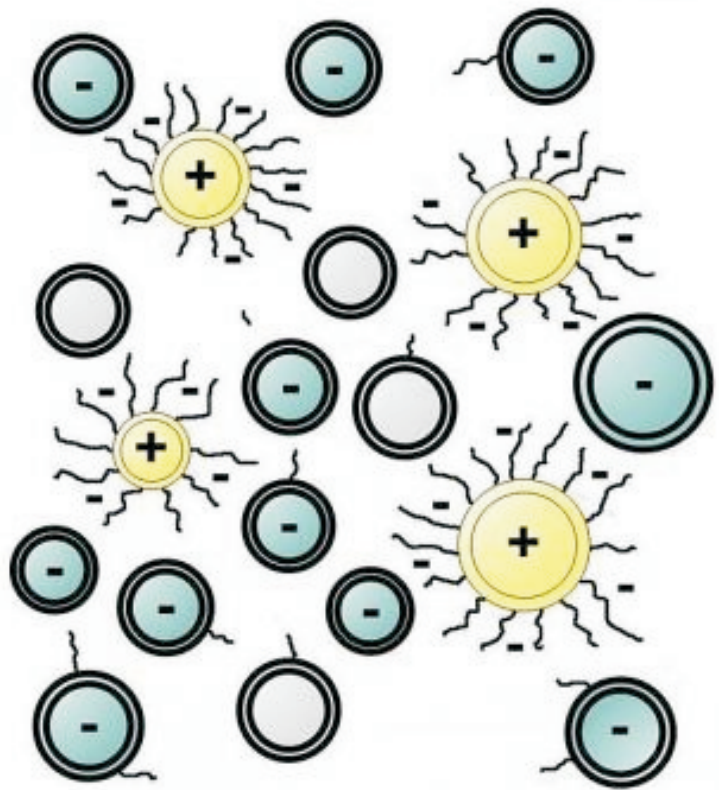
- ✘ It provides good cohesive pump able mix at low W/C ratio & moderate cement contents
- ✘ Imparts extreme fluidity to the concrete, which facilitates rapid placement of concrete
- ✘ Helps in controlled & predictable retardation of setting with improved slump retention Useful in production of self compacting concrete
- ✘ Provides high and extended slump
- ✘ Improves work ability and plasticity
- ✘ Reduces water requirement , increases strength and produce durable and dense concrete
- ✘ Improves pumping and finishing characteristics
- ✘ Reduces segregation
- ✘ Applied in complicated form work or with congested reinforcement
- ✘ Achieves good compaction without any excessive vibration
- ✘ Reduced permeability, segregation and bleeding
- ✘ helps in increasing compressive and flexural strength
- ✘ It is chloride – free

Technical Specifications:

Color	Dark Brown Liquid
Type	Modified Naphthalene Formaldehyde Sulphonate
Sp. Gravity	1.21
Shelf Life	1 Yr
Ph	7-8

Storage

RXSOL-67-6704 should be stored in dry and ventilated area at temperature above 0° C. If material is frozen please contact us. Shelf life is 1 year when stored in dry conditions between 10° C to 25° C in original unopened packages. RXSOL-67-6704 is for industrial use only and should be kept out of reach of children .



Technical Support

Our expert representative is available to assist in setting up the dosage and to address any concrete problems at plant or on-site.