

K2 SUPLAST SP 500

High Performance, High Range Water Reducer and Concrete Super Plasticizers

Description:

K2 SUPLAST SP 500 is a High performance, High Range Water Reducer cum Super Plasticizer based on modified Sulphonated Naphthalene Formaldehyde. It acts as workability increases without additional water, and retain the slump for a longer time for easy placement.

Area of Application:

- To produce high strength, low permeable, durable and very cohesive mix.
- To maintain its cohesiveness for a longer time.
- To increase workability at lower dosage.

Benefits:

- Generally there is improvement in compressive strength up to 15 to 20% depending upon W/C

ratio and other mix parameters.

- Facilitates reduction of water upto 20 %, without impairing the workability of the mix, leads to increased strength and durability.
- Increased plasticity of concrete, thus better compaction is achieved.
- Upto 10 % cement reduction can be done if water reduction has been taken advantage of, without impairing the strength and workability.
- Minimizes the segregation and bleeding and facilitates production of a dense, Improves durability and impermeability of concrete.
- Improves the workability and retains slump for longer time.
- Improves the cohesion, thus suitable for pumping of concrete.
- Chloride free.

Technical Properties:

Properties	Results
Appearance	Brown color liquid
Chloride Content	Nil as per IS:456
pH at 25°C	7 +/- 1

Compatibility:

K2 SUPLAST SP 500 can be used with all types of Portland cement and micro silica concrete.

Dosage:

The normal recommended dosage is 0.5 % to 1.0 % by weight of cement. The optimum dosage and compatibility of the admixture should be confirmed by proper trials in site. For micro silica concrete where a high amount of water reduction and slump retention are required.

Packing:

K2 SUPLAST SP 500 is available in 250 Kg Pack.

Shelf Life and Storage:

K2 SUPLAST SP 500 has a Shelf life of 12 Months from the date of manufacturing. Store the material in cool and dry place. Keep away from direct sunlight and heat.

Health & safety:

Contact with skin and eyes should be avoided. Used gloves should be used when handling these products. If contact with the resin occurs, wash immediately with a strong detergent or a resin removing cream. Eye contamination must be immediately washed with plenty of water and medical treatment sought.

FIRE

K2 SUPLAST SP 500 is non-flammable.

Technical Support:

The company provides a technical service supported by the team of specialist applicators in the industry.

Important Note:

KONKEM Industries Private Ltd products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Whilst KONKEM Industries Ltd endeavors to ensure that any advice, recommendation specification or information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products whether or not in accordance with any advice, specification, recommendation or information given by it or its applicators.

KONKEM
KONKEM INDUSTRIES PVT LTD
A Group Company of **JAY**

Jay House, Panchvati Circle,
Ambawadi, Ahmedabad
380006. India

Phone: 079-69073222

Email: infok2@konkem.com

Website: www.konkem.com

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