

K2 SUPLAST 520

High Range Water Reducing Cum Retarding Concrete Super Plasticizer

Description:

K2 SUPLAST 520 is a High Range Water Reducing cum Retarding Super plasticizer. When added into the concrete mix, workability increases without additional water, and the slump is retained for a long time which facilitates for easy placement. It reduces water up to 15-20% for a given workability resulting into better early and ultimate strength.

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:

- Minimizes the segregation and bleeding and facilitates production of a dense concrete.
- Improves durability and impermeability of concrete.
- Improves the workability and retains slump for a longer time, thus suitable for pumping of concrete.
- Increase early and 28 days compressive strength, if advantage of water reduction taken.
- Chloride free.
- It provides easier and quicker placing & optimum compaction.
- Ideal for mass concrete.

Technical Properties:

Properties	Results
Appearance	Brown color liquid
Chloride Content	< 0.2 % as per IS 9103
pH at 25°C	6 to 8.5

Compatibility:

K2 SUPLAST 520 can be used with all types of Portland cement.

Standard:

K2 SUPLAST 520 complies with IS 9103-1999 and conforms to Type D and Type Gas per ASTM C 494.

Dosage:

The normal recommended dosage is 0.6 % to 1.6 % by weight of cement. The optimum dosage and compatibility of the admixture should be confirmed by proper trials in situation.

Packing:

K2 SUPLAST 520 is supplied in 220 kg Pack.

Shelf Life and Storage:

K2 SUPLAST 520 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 520 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.

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