

FLOWMAX SP

FLOWMAX SP is a chloride free, superplasticising admixture based on Napthalene Sulphonate polymers.

ADVANTAGES

FLOWMAX SP can be used to produce flowing concrete at site using ready mix trucks. It can be added directly into concrete via feed hopper of the truck a few minutes before placing.

APPLICATION FEATURES

FLOWMAX SP makes for a strong plasticising and dispersing effect on the cement and aggregate particles even at low dosage rates. The action of the cement is thus more effective and the wetting of aggregates is improved which makes the concrete significantly more homogenous. The tendency of segregation and bleeding is strongly reduced.

WARNINGS AND RECOMMENDATIONS

FLOWMAX SP is specially developed for high workable and flowable concrete giving high early strengths which gives the following outstanding advantages:

A) For Prefabricated Concrete
Reduction of the W/C factor.
Resulting: less gauging water.
Considerable higher early strength.
Increased final strength.
Improved waterproofness.
Shorter formwork releasing therefore the shutters can be used more often.

B) For Structural Concrete
Excellent flowability.
Considerably reduced vibration time.
Enables efficient concrete placement.
Makes concrete fully economical.

STORAGE

Packaging	210lit drum
Colour	Dark Brown
Shelf Life	Excellent shelf life of 2 years, protect from frost.

CONSUMPTION

The dosage of FLOWMAX SP is between 250cc - 500cc per kg of cement. In special cases and after consulting our field engineers the dosage may be increased upto 750cc per kg of cement where exceptional high strength is required.

SCOPE OF APPLICATION

Concrete panels.

Sandwich panels.

Prestressed/Prefab concrete elements.

Projects with short time limits i.e. early stresses, fast formwork releasing.

Wherever high flowable

All technical information stated in this product data sheet is based on laboratory tests.
Actual values may vary due to circumstances beyond our control,

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TECHNICAL SPECIFICATIONS AND PERFORMANCE VALUES

Form	Liquid
Colour	Dark brown
Specific gravity	1.10
Freezing point Approx.	-1 Deg C
PH value	7.5 ± 1
Storage	Protect from frost and excessive heat, keep containers closed
Chloride content	Nil
Nitrate content	Nil
Air entrainment	< 2 %

The specified periods are valid at 20°C surface and ambient temperature, the time is prolonged at low temperature, the time is shortened at high temperature. Green streak is not responsible for application errors that may occur if the product is used outside its purpose or if the application conditions and recommendations specified above are not complied with.

SAFETY PRECAUTIONS

During use and storage, appropriate work clothes, glasses, gloves and masks should be used for worker health and safety. Eye, mouth and skin contact should be avoided. The contacted area should be washed with plenty of water. In more dangerous situations or if the product is swallowed, a specialist doctor should be consulted immediately. Food and drink should not be allowed into application areas. It should be kept out of reach of children. For detailed information, the Safety Data Sheet (SDS) should be consulted.

LEGAL WARNING

If this product is used for any purpose other than its intended use, or if the above instructions and conditions are not followed, any problems or damages that occur will be the responsibility of the user. Green streak construction chemicals will not be held responsible in such cases.

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