



HYDROPLAST 240GP

HIGH RANGE SNF BASE WATER REDUCING AND STRENGTH ENHANCING ADMIXTURE

CONCRETE ADMIXTURE

PRODUCT DESCRIPTION

Hydroplast 240GP is a brownish, ready to use, high range water reducing and strength enhancing admixture. It is design to produce high strength concrete at low w/c. with and extended workability.

TYPICAL APPLICATION AREA

- Reduced water to cement ratio for high strength concrete
- Low pumping pressure for pumped concrete
- Reduced thermal peaks for casting in hot climate
- Reduction in water intake for ultimate strength.
- Quality concrete at low cost.

WORKABILITY AND STRENGTH

Hydroplast 240GP is a high range SNF base water reducing and strength enhancing admixture. It has a good workability at low w/c. This admixture is design for high strength concrete requirement, durability improvement and reduction in permeability.

Workability could be affected by the temperature condition, type of cement and the nature of aggregate. Therefore, it is strongly advised that concrete materials should be carefully selected.

APPLICATION GUIDELINE

Dosage of Hydroplast 240GP is determine in trial batch, to serve as guide, we recommend using 0.8 to 1.5% of the cementitious material, dosage also depend on the design mix requirement. There is no effect on concrete if higher dosage is been used.

COMPATIBILITY

Hydroplast 240GP is compatible with all grade of cement (32.5, 42.5, 52.5) and most air entraining agent, can be used with all grade of aggregate meeting the ASTM standard.

TECHNICAL PARAMETERS

Density	1.16±0.1g/cm ³
PH	7-9
Chloride content	Nil, EN 934
colour	brown

STORAGE AND HANDLING

Hydroplast 240GP should be stored at room temperature, there is a tendency of freezing at a temperature below 0°C keep away from direct sunlight and protect from extreme temperature. Care should be taken when handling the product to avoid spillage.

Failure to adhere to the recommended storage condition, may lead to accelerated shelf life of the product and packaging. For further information on storage and handling, please consult armorsil technical department.

HEALTH & SAFETY

Hydroplast 240GP is an ecofriendly product, spillage should be flushed with cool water immediately, if swallow consult your doctor immediately.

QUALITY

Armorsil Inc is a multinational construction chemical product manufacturer, with present in United States, Canada, Turkey, United Arab Emirate and over 40 countries. All product originating from armorsil are manufactured under a management system to conform to the requirement of the quality, environmental and occupational health and safety standard ISO 9001, ISO 14001, and ISO 45001. All measurement and materials are selected according to ASTM C-494, type A and F





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