



HYDROPLAST 250GPS

HIGH-RANGE WATER REDUCING SUPERPLASTICISER FOR RHEOPLASTIC CONCRETE

CONCRETE ADMIXTURES

PRODUCT DESCRIPTION

Hydroplast 250GPS is a ready to use, high-range water reducing admixture design to produce high slump and flow concrete with transportable workability, improved compressive and flexural strength for durability of structures. This product is chloride free, and available on demand.

ADVANTAGES

Hydroplast 250GPS considerably improves the properties of fresh and harden concrete, it has a shelf life of 12month from date of production.

PRIMARY USES

- Micro-silica concrete
- Mass concrete pours
- Ready mixed concrete
- Long distance transport
- Pumped concrete
- Casting in hot climate

To obtain:

- Reduced thermal peaks
- High workability for longer periods
- Low pumping pressure
- Delay setting with longer workability
- Improves durability
- Reduced permeability

DISPENSING

Hydroplast 250GPS is a ready to use liquid which is dispensed into the concrete together with the mixing water. This product is most effect when it is added after 70% of the mixing water.

TECHNICAL PROPERTIES

Colour	Dark brown
Specific gravity@25°C	1.20±0.01
Chloride content	Free to EN 934
Freezing point	0°C
Status	Liquid

PACKAGING

Hydroplast 250GPS is available in 1000L, 210L, 25L, and 20L. this product is available on demand.

STANDARD

All materials, measurement and production are in accordance with ASTM C-494 type G.

DOSAGE

Optimal dosage of hydroplast 250GPS should be determine in trial mix. As a guide, the following dosage are recommended as a starting point for any trial. In normal concrete a dosage of 1.1 to 2% of the cementitious material. In high performance micro-silica concrete, a dosage of 1.3 to 2.5% of the cementitious material. Depended upon mix design, it is possible to use a lower dosage.

Hydroplast 250GPS is compatible with all grade and type of cement.





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STORAGE AND HANDLING

Hydroplast 250GPS has a shelf life of 12 month starting from manufacturing date, provided no other chemical is added to it.

The product should be stored at room temperature, away from direct sun light, and frost in clean dry tank. After freezing, the properties of hydroplast 250GPS can be recovered by controlled thawing and agitation. Do not allow the product to be exposed for long period of time.

QUALITY

Armorsil West Africa 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 is 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.

STATEMENT OF RESPONSIBILITY

The technical information given in this armorsil solution publication are based on the current state of our best scientific and practical knowledge of analysis.

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