

HYDROPLAST 520GR

NEW GENERATION, HIGH RANGE WATER REDUCING SUPERPLASTICISING ADMIXTURE

PRODUCT DESCRIPTION

Hydroplast 520GR is classified as high-range superplasticising admixture according to ASTM C-494. It is a PCE based, new generation water reducing, slump retaining and strength enhancing admixture.

ADVANTAGES

- Can be used to manufacture wide range of concrete
- Hydroplast 520GR is compatible with all grade of cement.
- Early compressive strength is achieved as a result of the low water/cement ratio
- Reduced thermal peak for casting in hot weather
- High slump retention rate for distance transportation of concrete
- Quality concrete at low cost

USES

- Pre-stressed concrete
- Ready-mix concrete
- Pre-cast concrete
- Industrial beams
- Slab bases

SURFACE PREPARATION

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 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 G

Density	1.1±0.01g/ 3
PH	4±1
Chloride content	Nil, EN 934
Physical state	liquid
colour	Light yellow
Na ₂ O	≤ 1.6%

STORAGE AND HANDLING

Hydroplast 520GR has a shelf life of 12 months starting from manufacturing date, provided no other chemical is added to it.

The product should be stored at room temperature, away from direct sunlight, and frost in clean dry tank. After freezing, the properties of Hydroplast 520GR can be recovered by controlled thawing and agitation. Do not allow the product to be exposed for long periods of time.

PACKAGING

- 25 Litres
- 210 Litres
- 1000 Litres

DOSAGE

Hydroplast 520GR dosage is determined in trial batch taking into account the local conditions affecting the workability of the fresh mix and the mechanical properties required. To serve as a guide, we recommend using 0.8 to 1.2% of the cementitious material.



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CONCRETE ADMIXTURES

HEALTH AND SAFETY

Hydroplast 520GR is an ecofriendly product. Armorsil will provide onsite assistance when requested. For more information, please contact Armorsil technical team.

STATEMENT OF RESPONSIBILITY

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