

ALEXPLAST D20

Water Reducing Admixture



Description

ALEXPLAST D20 is a high water reducing and retarding admixture for concrete. Formulated from synthetic organic chemicals For retarding the initial and final setting that aggressively disperses cement particles which enabling the mixing water to perform more efficiently so it facilitate concrete transported and casted with little vibration.

Uses

- Pumped concrete.
- In precast and prestressed concrete.
- To reduce permeability.
- Ready mixed concrete.
- To produce high workability concrete.
- Casting in hot climates.

Advantages

- Produce water proofing concrete.
- Eliminate shrinkage.
- Improve physical properties for concrete.
- Free from chlorides, nitrades.
- Increase density and reduces porosity resulting in improved water penetration resistance.
- Increase cohesion, minimizes segregation and bleeding and gives improved surface finish.
- High quality surface finish.
- Non toxic as it is water based.

- Compatible with all type of ordinary and sulphate resistant cement.
- Compatible with ALEXCHEM other additives(Contact our technical office).

Standards

ALEXPLAST D20 complies with ASTM C494 Types A, B, D

Properties

Colour	Dark Brown liquid	
Specific gravity	1.21	20°C
Chloride content	Nil	
Water Reduction	Reduction up to 12% can be reached depending on materials used and mix design	
Compatibility	Can be used with all types of Portland cements	
Durability	When ALEXPLAST D20 is used for water reduction the increase in density and reduction of permeability improved durability and reduces porosity hence increase water proofing properties also resist salts which attack concrete.	

Guide to Application

Application

ALEXPLAST D20 should be added to the mixing water prior to addition to the dry mix

Coverage:

Approximately 0.3-0.90 per 100 Kg cement.
A site trial should be carried out to confirm the mix design.

Packing:

Is supplied in 20 lit, 210 lit drums, 1000 lit bulks.

Guarantee:

All precaution is taken in manufacture of each product to comply with the standard of each material.

The data sheet for each product for information only and may be corrected and no liability is accepted for it.

The results may have variation because the method of their use condition under which they are applied cannot be anticipated.

Technical Service:

For any technical advice for using the **ALEXCHEM** contact the technical office.

Shelf life:

Up to 12 month when stored as Recommended

Storage:

Should be stored in shaded areas

Safety precaution

- Avoid contact with eyes, mouth skin, and follow by washing soap and water.
And any eye contamination should be washed thoroughly with plenty of water and immediate medical treatment sought.

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