

ALEXPLAST WP



Waterproofing Concrete Admixture

Description

ALEXPLAST WP is a concrete admixture in liquid form that both as a highly performance plasticizer and waterproofing agent.

Uses

- Sewage works.
- Water retaining structures.
- Tunnels.
- Canals.
- Dams and Reservoirs.

Advantages

- Produces high dense and waterproofing concrete.
- Improves workability.
- Reduce shrinkage.
- Produce superior finish.
- Chloride free-does not attack reinforcement.
- Produce dense concrete resistant to underground salt attack.

Standards

ALEXPLAST WP complies with ASTM C494 Type A, and BS5075 Part 1

Properties

Colour	Brown Liquid	
Specific Gravity	1.10±0.01	20°C
Chloride content	Nil	
Toxicity	Non Toxic	
Workability	The addition of ALEXPLAST WP will increase concrete workability	
Setting time	Will not be affected at normal Dosage, exact setting time should be determined by site trials	
Compatibility	ALEXPLAST WP is compatible with all types of Portland cements including SRC and other ALEXPLAST admixtures. Can be used with silica fume and other pozzolanic materials.	

Direction for use:

- **ALEXPLAST WP** should be added to the mixing water prior to addition to the dry mix
- Never add **ALEXPLAST WP** to dry cement or aggregate.
- Reduction of water is higher if the admixture is added to the concrete after 60-75% of the mixing water has been added.
- No extension to normal mixing time is necessary.

Dosage:

Approximately 0.3-0.5 kg per 100kg of cement.

Actual dosage rate of **ALEXPLAST WP**

Depends on:-

- Water/Cement ratio.
- Quality and type of cement and aggregates.

In all cases we recommended that trial mixes are carried out to determine the exact rate required.

Packaging:

ALEXPLAST WP Is supplied in 20 lit, 210 lit drums or 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 months when stored as recommended.

Storage:

Store in closed shaded dry area, out of direct sunlight and protect from extremes of temperature.

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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