

## TECHNICAL DATA

# DRYTEX PLAST

## Water Reducing and Set Retarding Plasticizing Admixture

### DESCRIPTION

Drytex Plast is liquid, plasticizing, water reducing and retarding concrete admixture based on a high grade modified lignosulphonic acid derivative. Drytex Plast is formulated from carefully selected raw materials and is manufactured under controlled conditions to give a consistent product.

### STANDARDS

ASTM C494, Type B & D, BS EN 934-2

### USES

Drytex Plast is used to produce easily workable and dense concrete for all types of ready-mixed concrete, tunnels, runways, canals, reservoirs and marine structures, etc. It can also be used as water proofer to reduce permeability of concrete.

### ADVANTAGES

- Good slump retention even at higher temperatures
- Good workability improvement to most of concrete mixes
- 10-15% water reducing effect can be obtained
- Increases strength due to water reduction
- Pumpable concrete
- Effective in achieving cement reduction
- Durable concrete may be achieved
- Extended setting time at high temperatures
- Reduced shrinkage & creep

### TYPICAL PROPERTIES at 25°C

PROPERTY	TEST METHOD	VALUE
Component		Single
Form		Liquid
Color		Dark Brown
Specific Gravity	ASTM C494	1.16 +/- 0.02
Air Entrainment	ASTM C231	Up to 1% over Control Mix
Chloride Content	B S EN 480-10	Nil to BS EN 934-2
p H	ASTM C494	7-9



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### COMPATIBILITY

Drytex Plast can be used with all types of cements and cementitious material like fly ash, GGBS, micro silica, etc. Drytex Plast should not be premixed with other admixtures.

### DOSAGE

Recommended dosage is 0.5 - 1.5% by weight of cementitious material.  
Higher dosage can be used after verification by conducting lab and site trials.

### EFFECT OF OVERDOSING

Overdosing may result in higher workability and delay in setting. If intentionally or accidentally, dosage used is above the recommended dosages, care must be taken to allow for the effect on the stripping time of formwork. In such cases, provided the concrete is properly cured, the ultimate strength will generally be higher than the regular concrete. The effects of overdosing are increased when sulphate resistant cement is used in the concrete mixes because of the chemical nature of the cement as compared to that of OPC.

PACK SIZE 20 ltr and 200 ltr

### DISPENSING

Drytex Plast should be directly dispensed into the concrete mixer together with the mixing water.

### GENERAL INFORMATION

#### Shelf Life

12 months from date of manufacture when stored under warehouse conditions in original unopened packing. Extreme temperature/humidity may reduce shelf life.

#### Cleaning

Clean all equipments and tools with water immediately after use.

### HEALTH & SAFETY

- PPE's - Gloves, goggles & suitable mask must be worn.  
Precautions - Contact with skin, eyes, etc. must be avoided.  
If swallowed seek medical attention immediately.  
Hazard - Regarded as non-hazardous for transportation.  
Disposal - Do not reuse containers.  
To be disposed off as per local rules and regulations.

