

## TECHNICAL DATA

# Drytex AIR

Air Entraining, Plasticizing Concrete and Mortar Admixture

### DESCRIPTION

Drytex AIR is a liquid air entraining admixture that is chloride-ion free and is based on specially formulated surfactants. It can be used in concrete and mortar mixes.

### STANDARD

BS EN 934-3, ASTM C260

### USES

Drytex AIR is used to improve the workability, cohesion and durability of concrete and mortar by the entrainment of microscopic air bubbles of controlled size and spacing, uniformly distributed throughout the mix, reducing surface scaling and concrete failures. It is used to produce concrete/mortars resistant to attack by frost and deicing salts.

### ADVANTAGES

- Protects against freezing and thawing
- Improves permeability
- Improves workability
- Improves durability
- Increases cohesion of mixes
- Volume yield of concrete and mortar is increased
- Improves harsh mixes
- Highly effective for mixes containing dusty aggregates

### TYPICAL PROPERTIES at 25°C

Property	Test Method	Value
Component		Single
Form		Liquid
Color		Brown
Specific Gravity	ASTM C494	1.02 +/- 0.02
Chloride Content	BS EN 480-10	Nil to BS EN 934-2
pH	ASTM C494	7-9



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### COMPATIBILITY

Drytex Air can be used with all types of cements and cementitious materials like fly ash, GGBS, micro silica, etc.

### DOSAGE

Recommended dosage is 0.03 - 0.25% by weight of cementitious material. Optimum dosage of Drytex AIR and effect on concrete properties such as workability, strength, setting time, etc. are best assessed after preliminary tests on site using the actual materials of mixes under consideration.

### EFFECT OF OVERDOSING

Overdosing may result in high air content which in turn will result in low strength.

**PACK SIZE** 20 ltr and 200 ltr

### DISPENSING

Drytex AIR should be directly dispensed into the concrete mixer along 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.<br>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.                    |

