

## TECHNICAL DATA

# DRYTEX RCA

## High Range Water Reducing and Set Retarding Concrete Admixture

### DESCRIPTION

Drytex RCA is a high range water reducing admixture specifically designed for producing high slump, flowing concrete in hot climates. It is based on selected sulphonated naphthalene polymers and is a powerful de-flocculent.

### STANDARDS

ASTM C494, Type B, D and G, BS EN 934-2

### USES

Drytex RCA can be used for various concrete applications. Recommended for large concrete pours and where higher slump retention is needed. A significant water reducing agent, it promotes strength gain at all ages of concrete.

### ADVANTAGES

- High slump concrete for congested areas
- Good workability retention
- Increases durability by reducing permeability
- Water reduction of > 20%
- No excessive air entrainment
- Chloride free and safe for use in pre-stressed & reinforced concrete.

### TYPICAL PROPERTIES at 25°C

PROPERTY	TEST METHOD	VALUES
Component		Single
Form		Liquid
Color		Brown
Specific Gravity	ASTM C494	1.20 +/- 0.02
Air Entrainment	ASTM C231	Up to 1% over Control Mix
Chloride Content	BS EN 480-10	Nil to BS EN 934-2
p H	ASTM C494	7-9

### COMPATIBILITY

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



## TECHNICAL DATA

### DOSAGE

Recommended dosage is 0.5 - 3.0% by weight of cementitious material. Higher dosage can be used after verification of performance 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 RCA should be 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.

