

# ROCK ADMIX RDB

## WATER REDUCING AND RETARDING CONCRETE ADMIXTURE

### DESCRIPTION

A liquid set retarding concrete admixture with a powerful plasticizer effect. Substantial water reduction can be achieved without loss of workability.

### USES

ROCK ADMIX RDB is used where high-quality concrete is required in difficult conditions, such as:

- High temperatures.
- Long hauls.
- Ready- mix concrete.
- Pre-stressed concrete and wherever high quality dense concrete is required.
- Waterproofing agent.

### CHARACTERISTICS / ADVANTAGES

ROCK ADMIX RDB provides the following properties:

- Increased setting times at elevated temperatures.
- Long- lasting control of slump loss.
- Improved workability without increased water content.
- Reduced water without loss of workability.
- Increased strengths.
- Reduced shrinkage and creep.
- Improved surface finish.
- Chloride free-does not attack reinforcement.

### APPROVALS / STANDARDS

Complies to: ASTM C-494 Type A+B+D and BS 5075 Part 1.

### PRODUCT INFORMATION

#### Chemical Base

Special Organic Agents

#### Form

Liquid.

#### Packaging

5 Kg and 20 Kg pails  
220 kg drums  
Bulk Tanks are available upon request

#### Appearance / Color

Brown

#### Shelf Life

12 months when unopened.

#### Storage Conditions

Free from frost. Where possible protect from direct sunlight

#### Density

(at 20°C) 1.185 Kg/l (ASTM C494)

#### Chloride Content

Nil.

### APPLICATION INFORMATION

#### Recommended Dosage

0.2-0 8% by weight of cement, actual dosage rate required is dependent on:

- Effect sought.
- Quality of cement and aggregates.
- Water: cement ratio.
- Temperature.

In many cases it is advisable to carry out trial mixes to establish the exact rate required.

ROCK ADMIX RDB is compatible with all types of Portland cement including S.R.C.

#### Dispensing

ROCK ADMIX RDB should be dispensed directly into the mixing water prior to its addition to the aggregates. When accidental overdosing occurs, ROCK ADMIX RDB does not entrain excessive amounts of air.

## ECOLOGY, HEALTH AND SAFETY

### ECOLOGY

Do not dispose of into water or soil but according to local regulations.

### TRANSPORT

Non-hazardous.

### SAFETY PRECAUTIONS

Contains material, which may in certain cases cause skin irritation: Cleanliness is required. In case of skin contact, wash thoroughly with soap and water:

In case of eye contact, flush with water for 15 minutes, contact a Physician: wash clothing before re-use.

### TOXICITY

Non-Toxic under relevant health and safety code



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# CONSTRUCTION