

ROCK ADMIX RXD

Water Reducing and Retarding Concrete Admixture

DESCRIPTION

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

USES

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

- High temperatures
- Long hauls
- Ready- mix concrete
- Waterproofing concrete
- Pre-stressed concrete

CHARACTERISTICS / ADVANTAGES

ROCK ADMIX RXD 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

It complies with ASTM C-494 Type A+B+D and BS 5075 Part I.

PRODUCT INFORMATION

Chemical Base

Modified Lignosulphonate

Form

Liquid.

Packaging

5 and 20 kg pails

220 kg drums

Bulk Tanks packing available upon request

Appearance / Color

Brown Liquid

Shelf Life

12 months from date of production if stored properly in undamaged and unopened original sealed packing.

Storage Conditions

Store in dry conditions, protected from direct sunlight and frost.

Density

1.170 ± 0.005 Kg/l

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 & aggregates, water:cement ratio and temperature.

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

Compatibility

ROCK ADMIX RXD is compatible with all types of Portland Cement, including S.R.C. and HPF cements.

When accidental overdosing occurs, ROCK ADMIX RXD does not entrain excessive amounts of air.

Dispensing

ROCK ADMIX RXD should be dispensed directly into the mixing water prior to its addition to the dry mix.

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