

ROCK ADMIX RD

Waterproofing Concrete Admixture

PRODUCT DESCRIPTION

Rock Admix RD is a concrete admixture in liquid form that acts both as a highly efficient plasticizer and waterproofing agent. Suitable for use in tropical and hot climatic conditions.

USES

Rock Admix RD is recommended for use in structural and mass concrete, particularly water-retaining structures such as:

- Canals
- Reservoirs and dams
- Sewage works
- Culvert tunnels
- Wherever waterproof concrete is required.

CHARACTERISTICS / ADVANTAGES

Rock Admix RD provides the following properties:

- Improved workability without increased water content.
- Allows easier compaction leading to denser concrete and superior finish
- Increased strength and durability
- Reduced shrinkage
- Improved water tightness.

TESTS/ STANDARDS

Rock Admix RD complies with ASTM C 494 Type D.

PRODUCT DATA

FORM

Dark Brown Liquid

PACKAGING

200 lt. drums and 1000 lt. flow bins

Bulk supply in tanker trucks is possible on demand

SHELF LIFE /STORAGE CONDITIONS

12 months from date of production if stored properly in undamaged unopened, original sealed packaging, in dry conditions at temperatures between +5°C and 35°C. Protect from direct sunlight and frost.

TECHNICAL DATA

CHEMICAL BASE

Surface active agent and polymer

DENSITY AT 250C

1.09- 1.120

CHLORIDE CONTENT

Nil (EN 934-2)

APPLICATION DETAILS

CONSUMPTION /DOSAGE

0.2%-0.6%by weight of cement. It is advisable to carry out trial mixes to establish the exact dosage rate required.

DISPENSING

Rock Admix RD should be dispensed into the mixing water, prior to its addition to the aggregates.

CONCRETE PLACING

The standard rules of good concreting practice (production as well as placing) must also be observed when using Rock Admix RD concrete.

CURING

Fresh concrete must be cured properly, especially at high temperatures in order to prevent plastic and drying shrinkage. Use curing agent or apply wet hessian.

COMPATIBILITY

Rock Admix RD can be combined with Pump, citychem admixtures. It is also compatible with sulfate resistant cement. Please consult citychem Technical Services Department.

CLEANING

Clean all equipment and tools with water immediately after use

REMARKS

When accidental overdosing occurs, apart from retarding of the initial set no detrimental effect will take place. During this period the concrete must be kept moist in order to prevent premature drying out.

APPLICATION / LIMITATIONS

When accidental overdosing occurs, the set retarding effect increases. No excessive amount of additional air will be entrained. During this period the concrete must be kept moist in order to prevent premature drying out.

HEALTH AND SAFETY INFORMATION

For information and advice on safe handling, storage and disposal of chemical products, shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.



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CONSTRUCTION