



## Admix RD

### Product Description

Admix RD is a liquid admixture that slows the cement hydration; delaying the initial set in direct proportion to the dosage used. After the planned delay in initial set, hardening develops at an accelerated rate. Suitable for use in tropical and hot climatic conditions.

Applicable standard: ASTM C 494 Type A, B.

### Features and benefits

Admix RD provides the following:

- Controlled setting time.
- Does not entrain air even at high dosages

### Typical use

- Large volume pours
- Avoidance of cold joints
- Construction joints without formwork
- Long hauls
- Difficult placing conditions
- Elevated temperatures
- Re-vibrated concrete

### Product Data

<b>Packaging size</b>	20 L, 200 L drum, 1000 L
<b>Form</b>	Liquid
<b>Colors</b>	Pale Yellow
<b>Density</b>	1.15±0.02 @ +25 °C
<b>Total Chloride Ion Content</b>	Nil

### Application Data

#### Dosage:

0.2 - 1.5 % by weight of cement. Higher dosages by weight of cement can be used depending on the mix design, raw materials, climatic conditions and concrete requirements. Trial mixes must be performed to establish the exact dosage rate required.



## Compatibility

Admix RD is compatible with all types of Portland cement (OPC and SRC), concretes containing pozzolanic materials such as GGBS, FA, micro-silica and all Uniguard Concrete Admixtures. We recommend to perform trial mixes to establish the required performance when combining Admix RD with the above products or other admixtures. Please consult our Technical Department.

## Dispensing

Admix RD is added to the gauging water or simultaneously poured with it into the concrete mixer at the batching plant. Do not add Admix RD directly to the dry mix.

For optimum utilization of its high-water reduction property, we recommend thorough mixing at a minimal wet mixing time of 60 seconds.

The addition of the remaining gauging water (to fine tune concrete consistency) may only be started after two-thirds of the wet mixing time to avoid surplus water in the concrete.

## Storage

- Store in dry place in a well-sealed container for 12 months.
- Away from freezing.

## Technical Support

The standard rules of good concreting practice for production and placing must be observed when using Admix RD in concrete. Refer to relevant standards. Fresh concrete must be cured properly especially at high temperatures in order to prevent plastic and drying shrinkage. Use Uniguard Bond Plus products as a curing agent or apply wet hessian.

## Health and safety

Refer to Admix RD MSDS.