



## Admix RD Plus

### Product Description

Admix RD Plus is a high-performance admixture designed to reduce the water content in concrete mixes while extending the setting time, improving workability, and enhancing the mechanical properties of the finished concrete. It provides controlled hydration, making it ideal for large pours, hot weather concreting, and applications where extended workability is essential.

Admix LSF conforms to ASTM C494 Type D.

### Features and benefits

- **Water Reduction:** Reduces water demand by up to [X]% without affecting workability.
- **Retardation:** Provides controlled retardation for extended workability up to [X] hours.
- **Improved Strength:** Increases compressive strength at all ages by lowering the water-cement ratio.
- **Durability:** Enhances durability by reducing permeability and shrinkage.
- **Compatibility:** Suitable for use with a variety of cement types and supplementary cementitious materials.

### Typical use

- Suitable for use in ready-mix concrete and precast concrete.
- Ideal for hot weather concreting.
- Recommended for large construction projects requiring extended workability.
- Can be used in high-performance concrete applications where water reduction is needed.
- Suitable for pumped concrete, slab foundations, and mass concrete structures.

### Product Data

<b>Packaging size</b>	200 L (Barrel)
<b>Form</b>	Liquid
<b>Colors</b>	Brown
<b>Density</b>	1.10 – 1.15 g/cm <sup>3</sup>
<b>Total Chloride Ion Content</b>	Nil

### Application Data

#### Dosage and Method of Use:

**Mixing:** Add Admix RD Plus to the mixing water or directly into the concrete mix. For optimal performance, ensure even distribution by mixing thoroughly for a minimum of 3-5 minutes.



**Dosage:** The recommended dosage is 0.8 – 1.2% by weight of cement. Adjustments may be made based on ambient conditions, desired setting times, and the specific project requirements.

## 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.

## Storage

- Store in cool, dry conditions. Protect from direct sunlight and freezing.
- Keep containers tightly sealed when not in use.
- Shelf Life: 24 months in original, unopened packaging.

## Caution

- Clean mixing container before use. Do not use dirty tools.
- Do not exceed recommended dosage.
- Keep out of the reach of children

## Health and safety

Possible Hazards: it causes irritation in case of skin contact & eye contact, flush immediately with plenty of water for at least 10 minutes and seek medical advice in case it happened.

For further information, refer to the material safety data sheet.