

Mixco Flow AD ES1

High Range Water Reduce



CC Technique Product Data Sheet

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Division: 3

Insulation

■ The Product

Mixco Flow AD ES1 is a highly effective Water-reducer and set-retarding concrete admixture that acts as a substantial agent for promoting

- High, early and ultimate strengths.
- Workability especially where difficult placing conditions are encountered
- Dense concrete

■ Uses

- Short and mid haul distances for concreting
- A set retarding agent to maintain or extend workability particularly in hot weather.
- Watertight Concreting.
- C20 up to C40 concreting
- Increased setting times at elevated temperatures

■ Dosage

0.2 - 1.8% by weight of cement as per strength and workability requirement.

It is advisable to carry out trial mixes.

In case of overdosing a set retarding effect is observed. During this period the concrete must be kept moist in order to prevent premature drying out. Early strength will be lower but the ultimate strength will not be impaired

■ Dispensing

Mixco Flow AD ES1 can be added to the mixing water, by means of a recommended dispenser, prior to its addition to the aggregates or directly to the freshly mixed concrete (the plasticizing effect is more pronounced).

Use a curing agent or apply wet hessian especially at high temperatures in order to prevent plastic and drying shrinkage.

■ Instructions for Use

Color: Brown liquid

Specific Gravity: 1.2 Kg/lit @ 25°C

PH: 8

Chloride Content: Nil

■ Storage

Dry area between 5°C and 35°C. Protect from direct sunlight and keep in shade.

■ Shelf life

Minimum 1 year from date of production if stored properly in original unopened packaging

■ Packaging

1000 Kg IBCs - 220 Kg drums

■ Compliance

ASTM C494 Type F & G

■ Health-Safety & Ecology

Skin barrier cream, safety goggles and rubber gloves are recommended.

Accidental splashes to the skin eyes or mucous membrane must be rinsed with clean warm water. Seek medical attention without delay.

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

Non-toxic under the relevant health and safety codes.

Non-hazardous for transportation

