

Water Reducing And Set Retarding Concrete Admixture

Description

A liquid water reducing agent these admixtures slow the rate of cement hydration, preventing the cement from setting before it can be placed and compacted. this type of admixture is mainly used in hot conditions and climates or on very large pours.

Use

RWR-323 is used as a general purpose admixture where the placing conditions for high quality concrete are more demanding such as:

- ◆ Elevated Temperatures.
- ◆ Fair Faced Concrete.
- ◆ Pumped Concrete.
- ◆ Ready Mix Concrete.
- ◆ Areas Where Large Volumes Are Placed In One Pour.
- ◆ High Mechanical Strengths Are Required.
- ◆ Long Travel Distance.

Advantages

- ◆ RWR-323 Provides The Following Properties
- ◆ Longer Setting Time In Hot Weather.
- ◆ Improved Workability Without Increased Water Content.
- ◆ Reduced Water Without Loss Of Workability.
- ◆ Compatible With All Types Of Cements

Appearance

Dark Brown Colored Liquid

Packaging

RWR-323 Is Available In 220 Litre Non Returnable Drums.

Storage & Shelf Life

One (1) Year In Unopened, Original Containers When Stored Free From Frost And Below 25⁰ c.

Dosage

Typical dosage RWR-323 400 ml/100 kg cement. the dosage rate can be increased to 500 ml /100 kg cement to overcome difficulties in quality of cement and aggregates, high temperature and difficult placing conditions. higher dosages provide longer setting times. in many cases it is advisable to carry out trial mixes to establish the exact dosage rate required RWR-323 is compatible with all types of portland cement including s.r.c.

Application Conditions Instructions For Use

for best results delay the dosage in to the water until the cement and RWR-323 have been added and initially mixed with water. RWR-323 may be added to the mixed concrete if required. however. further mixing should take place for at least one minute per cubic metre of concrete.

Important Notes

when accidental overdosing of normal setting RWR-323 occurs the setting time will be retarded. during this period the concrete must be kept moist to prevent premature drying out.

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