

Highly Efficient Set Retarding Concrete Admixture

Description

SWRR-381 is a highly efficient set retarding concrete admixture. SWRR-381 is used as retarding admixture in concrete where a controlled extension of setting time is required.

Use

- Large volume pours
- Long haul
- Avoiding of cold joints
- Construction joints
- Difficult placing conditions
- Elevated temperature
- Revibrated concrete
- Ready mix concrete

Advantages

SWRR-381 provides the following beneficial properties:-

- Increased setting time in hot weather
- Accelerated hardening after setting
- Increased ultimate strengths
- Long lasting control over slump loss.
- Better surface finish
- Chloride free: does not attack reinforcement
- improves work ability : cohesion and extends setting time. provide protection against delay.
- Larger pours: Possible with extended placing and compaction times and avoidance of 'cold joint'
- Cement savings: Can be obtained by maintaining original strength and work ability

Appearance : yellowish liquid

Chemical Base: Poly hydroxyl compound

Packaging: SWRR-381 Is Available In 230 kg Non Returnable Drums.

Storage & Shelf Life

12 months from date of production if stored properly in undamaged unopened, original sealed packaging, in dry conditions at temperatures between +10°C and +40°C. Protect from direct sunlight and frost.

Dosage

SWRR-381 0.20 – 0.6% by weight of cement. The retardation rate achieved is directly dependent on the dosage rate which in turn is influenced by quality of cement and aggregates, w/c ratio and temperatures. it is trials should be carried out to determine optimum dosage rate.

Application Conditions Instructions For Use

By use SWRR-381 concrete of highest quality can be produced. The standard rules of good concreting practice, concerning production, placing and testing are to be followed. Fresh concrete must be cured as per the relevant standard.

Important Notes

when accidental overdosing of normal setting SWRR-381 occur the setting time will be retarded. during this period the concrete must be kept moist to prevent premature drying out.

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