

REC PLAST UWC-0096

UNIVERSAL ANTI-WASHOUT ADMIXTURE

DESCRIPTION

Rec Plast UWC-0096 is an anti-washout admixture in powder form, for use with under water concrete and mortar. It is an effective anti-washout admixture in concrete placed under water. It produces a cohesive mix which retains its integrity as it passes through the surrounding water and consolidates. The cement paste stays in intimate contact with the aggregate particles, instead of being washed away at the surface of the concrete mix.

PRIMARY APPLICATIONS

Rec Plast UWC- 0096 admixture is recommended for use in all types of concrete pumped or placed underwater. Rec Plast UWC- 0096 admixture is especially helpful in extreme conditions where conventional concrete or placing techniques would result in a high percentage of material loss due to washout.

PROPERTIES

Rec Plast UWC- 0096 produces a concrete highly resistant to washout while maintaining the normal characteristics of concrete.

- Provides excellent anti-washout properties in under water applications
- Eliminates sedimentation and segregation
- Eliminates “bleeding” in concrete
- Readily soluble and stable in water cement systems
- Does not affect the cement hydration process.
- Effective at low levels
- Minimal effect on setting time
- Reduces fluid loss in cement grout
- Imparts cohesiveness to the grout
- Does not entrain air
- Does not foam
- May require an addition of a high range water reducing agent in some applications
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TECHNICAL INFORMATION

- Greatly reduces segregation, even with high fluid, high water-cement ratio mixes

Appearance	White / Beige powder
Bulk Density	0.8

APPLICABLE STANDARD

Rec Plast UWC-0096 complies with ASTM – C 260, BS 5075

PACKAGING

Rec Plast UWC-0096 is packed in 1 kg plastic bag

SHELF LIFE

Rec Plast UWC -0096 can be stored up to 1 year from manufacturing date under cover, out of direct sunlight and protected from extreme temperatures

DIRECTION OF USE

The admixture should be dispersed onto the dry aggregate or cement. Allow thorough dry-mixing to ensure the powder is well dispersed and wet-mixing times should be increased by up to 50%.

DOSAGE RATES

When using Rec Plast UWC- 0096 , the normal recommended mix design and procedures for placing concrete underwater should be followed. It is imperative that full trials are carried before work commences, paying close attention to effects on pumpability, placing procedure, flowability and washout resistance.

Should other admixtures be used in conjunction with Rec Plast UWC- 0096 impact on performance should also be checked. In general, it is recommended that minimum cement contents of 400 kg/ m³ be applied. A dosage of 1 kg / m³ is normal depending on the specific level of washout resistance required.

HEALTH & SAFETY

In case of frost, the product cannot be reconstituted after thawing. In case of contact with skin or eyes, rinse thoroughly with water. If irritation persists, seek medical attention. If swallowed, do not induce vomiting and seek medical attention

QUALITY STATEMENT

All our products are manufactured to comply with our internal QA/QC program and quality management system to ensure consistency and quality

DISCLAIMER

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