

EXCEPTIONAL SLUMP RETENTION ADMIXTURE FOR GREENCONCRETE

PRODUCT

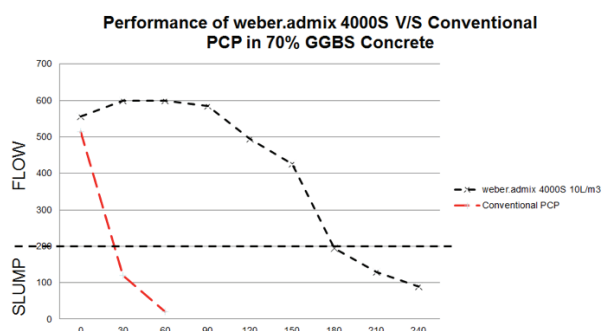
weber.admix 4000S is 4th generation admixture dedicated mainly to GGBS based green concrete providing superplasticizing and superior slump retention performance. weber.admix 4000S is based on a unique cutting-edge technology eliminating the fast drop in slump exhibited in GGBS concrete with conventional PCP. It is designed to produce ready-mix green concrete, with up to 70% GGBS, with high to very high grade and low water-to- binder ratio (w/b) going to less than .36. It gives the ready-mixed concrete industry superior slump retention, even under high temperatures, with a guaranteed control of concrete consistency over the whole chain from manufacturing to delivery.

SCOPE OF USE

- Foundations Continuous concrete pouring
- Long distance transportation
- High rise building pumped concrete
- Hot weather concreting

BENEFITS

- Extended slump retention with initial measurable consistency
- No Fast drop in slump
- High workability-ease of placing and compaction without segregation
- No need for retempering on site
- High water reduction
- Increased strength & durability
- Reduced risk of cold joint



CHARACTERISTICS

| | |
|--------------------------|-----------------------|
| Appearance | Yellowish liquid |
| Specific gravity at 20°C | 1.040 ± 0.005 |
| Chloride Content | NIL– BS 5075/EN 934-2 |

APPLICABLE STANDARDS

ASTM C 494 Type G
BS EN 934-2

INSTRUCTIONS FOR USE

weber.admix 4000S should be dispensed after all concrete constituents are charged in the central mixer, preferably after approximately 60% of mixing water addition.

DOSAGE

Range of dosage rates: from 0.5% to 2.5% of cementitious content.

Dosage above the recommended values can be employed. Still, the required dosage for a specific job with controlled delay in setting and workability should be determined by in-situ trials

Admixture demand varies with w/b of the concrete, cement type, pozzolanic materials and ambient temperature.

Trials are to be conducted prior to use in order to determine required performance, including workability retention, setting, and strength development.

EFFECTS OF OVER DOSING

Overdose of weber.admix 4000S may result in the following:

- Delay of initial setting
- Higher workability
- Impair consistency & cohesion

COMPATIBILITY

weber.admix 4000S can be used in mixtures containing:

- GGBFS
- Silica fume
- Fly Ash
- Pozzolanic Binders

weber.admix 4000S is not compatible with naphthalene sulfonate and melamine sulfonate-based superplasticizers.

PACKAGING

weber.admix 4000S is supplied in 1000 liter containers.

STORAGE

Weber.admix 4000S can be stored up to 1 year from manufacturing date, out of direct UV light and protected from extreme temperatures.

weber.admix 4000S

It is recommended to circulate the material before usage (especially in hot season).

HEALTH & SAFETY

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

While the company guarantees its products against defective materials, the use and application of these products are made without guarantee since the conditions of their application are beyond its control. It is recommended to verify with the company that the product is suitable for the intended use, and that this Data Sheet version is the latest one. The company may modify it without prior notice. Technical characteristics are listed for guidance only. For more information, please contact the company's office in your location.

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