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PRODUCT INFORMATION

CEMWET SRA 2

Shrinkage-Reducing Admixture

DESCRIPTION :

CEMWET SRA 2 is an innovative liquid chemical admixture that is specifically formulated to reduce drying shrinkage. Compared to normal concretes, **CEMWET SRA 2** provides enhanced performance through a significant reduction in shrinkage strain and a reduced number of harmful cracks. **CEMWET SRA 2** meets AS 1478 Type SN and chloride free.

APPLICATION :

CEMWET SRA 2 is recommended for use in ready-mixed or precast concrete structures requiring shrinkage reduction and long-term durability, including:

- * Wet-mix shotcrete.
- * Mortars and grouts.
- * Slabs, parking structures, bridge decks, pavements, water-retaining structures, insitu stich concretes etc.

SPECIALITY :

- * Reduces drying shrinkage for fresh and hardened properties of concrete.
- * Reduces the number of harmful cracks.
- * Enhances water tightness in water-retaining structures.
- * Increases concrete durability and service life.
- * Reduces joint maintenance costs in concrete slabs.
- * Permits increase in joint spacing.

TYPICAL PROPERTIES :

- * Color : Clear to opaque **
 - * Specific Gravity : 0.98 + 0.02
 - * pH : 7.5 + 1.0
 - * Chloride Content : No added Chlorides
- ** Color may vary slightly. However, this does not change the efficacy and product performance

DOSAGES :

The recommended dosage range of **CEMWET SRA 2** is 2.0 to 6.0 Kg/m³, depending on the specific application. However, dosages outside of this range may be required depending on the level of shrinkage reduction. A reduction of mix water content equivalent to the dosage of **CEMWET SRA 2** admixture utilized is recommended.

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CEMWET SRA 2 reduces the drying shrinkage of concrete relative to a plain reference mixture as measured by the AS 1012.13 test method. As shown in the figure, concrete treated with **CEMWET SRA 2** showed reduction in drying shrinkage is from 20% to 52% at 7 days and 10% to 30% at 90 days, depending upon dosage.

Dosage per m ³	Shrinkage Dosage per m ³ Reduction % at		
	7 days	28 days	90 days
2 Kg	20	10	8
4 Kg	30	19	12
6 Kg	52	35	28

COMPATABILITY :

CEMWET SRA 2 is compatible with all ASIAN water-reducers, mid-range water-reducers, high range water-reducers, set retarders, and accelerators.

CEMWET SRA 2 should be added separately to the concrete mixture to ensure desired results.

PACKAGING : 200 Kg drums / 20 Kg. Jars

STORAGE/SHELF LIFE :

Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame. Store protected against freezing.

Protect from direct sunlight. Protect from temperatures below: 5 °C. The packed product is destroyed at low temperatures or by frost.

Protect from temperatures above: 45 °C The packed product will be damaged by high temperatures.

CEMWET SRA 2 has a shelf life of 12 months.

PRECAUTIONS :

CEMWET SRA 2 does not affect slump, may delay set time and increase bleed slightly depending upon dosage, temperature, and mix design. A slight reduction in compressive strength may be experienced depending on the concrete mixture ingredients and their proportions. Field trial batches should be conducted to achieve desired performance.

N.B. : This information is given in good faith, is based on results gained from experiences and tests. However, all recommendations or suggestion are made without guarantee since the conditions of use are beyond our control.

PRICE, PERIOD OF DELIVERY AND TERMS OF BUSINESS ON REQUEST
MANUFACTURED BY

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