

# Creative ConFlow-WR

Water Reducing and Set Retarding Concrete Admixture

## DESCRIPTION

Creative ConFlow-WR is a water reducing admixture specifically designed for producing slump, flowing concrete in hot climates. It is based on selected sulphonated naphthalene polymers and is a powerful de-flocculent.

## SCOPE OF USE

Creative ConFlow-WR can be used for various concrete applications. Recommended for large concrete pours and where higher slump retention is needed. A significant water reducing agent and promotes strength gain at all ages of concrete.

## STANDARD

ASTM C494, Type B, D and G, BSEN 934-2.



## TYPICAL PROPERTIES AT 25°C

| PROPERTY         | TEST METHOD | VALUE                     |
|------------------|-------------|---------------------------|
| Component        |             | Single                    |
| Form             |             | Liquid                    |
| Colour           |             | Brown                     |
| Specific Gravity | ASTM C494   | 1.16 +/- 0.02             |
| Air Entrainment  | ASTM C231   | Up to 1% over control mix |
| Chloride Content | BSEN 480-10 | Nil to BSEN 934-2         |
| pH               | ASTM C494   | 7-9                       |

## COMPATIBILITY

Creative ConFlow-WR can be used with all types of cements and cementitious material like fly ash, GGBS, micro silica, etc. Creative ConFlow-WR should not be premixed with other P.C based admixtures.

## DOSAGE

Recommended dosage is 0.5 – 1.5% by weight of cementitious material. Higher dosage can be used after verification of performance by conducting lab and site trials.

## KEY ADVANTAGES

- Good water reduction capability
- Improved surface finish
- Good slump retention for longer time
- Extension of concrete placing time in hot climates
- Lower permeability, better resistance to carbonation
- Increased flexural strength
- High workability with lower water content



## EFFECT OF OVERDOSING

Overdosing may result in higher workability and delay in setting. If intentionally or accidentally, dosage used is above the recommended limit, ensure that the stripping time of formwork is extended accordingly.

## DISPENSING

Creative ConFlow-WR should be dispensed into the concrete mixer together with the mixing water.

## GENERAL INFORMATION

|            |                                                                                                                                                                      |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Shelf Life | 12 months from date of manufacture when stored under warehouse conditions in original unopened packing.<br><br>Extreme temperature / humidity may reduce shelf life. |
| Cleaning   | Clean all equipment and tools with water immediately after use.                                                                                                      |

## PACK SIZE

5 KG, 20 KG & 200 KG

## HEALTH AND SAFETY

|                        |                                                                                                |
|------------------------|------------------------------------------------------------------------------------------------|
| PPE's                  | Gloves, goggles and suitable mask must be worn.                                                |
| Precautions            | Contact with skin, eyes etc. must be avoided. If swallowed seek medical attention immediately. |
| Hazard                 | Regarded as non-hazardous for transportation.                                                  |
| Disposal               | Do not reuse containers. To be disposed off as per local rules and regulations.                |
| Additional Information | Refer MSDS. (Available on request)                                                             |

## TECHNICAL SERVICE

Creative Chemical Company technical services are available on request for onsite support to assist in the correct use of its products.



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Creative Chemical products are produced with ISO 9001:2015 standard terms and conditions. So it's customer responsibility to maintain and follow up the TDS and weather forecast carefully. We can not guarantee the application and end use as it depends on various conditions and weather.