

# Creative ConAdd-W.P

Integral Water Proofing Liquid Admixture

## DESCRIPTION

Creative ConAdd-W.P is an integral waterproofing, permeability reducing, shrinkage reducing polycarboxylate based liquid admixture. It has a positive chemical action which creates a network of insoluble water resistant material within the pores of the cement matrix.

## SCOPE OF USE

Creative ConAdd-W.P is a permeability reducing admixture for use in all types of mortar and concrete mixes. It is particularly suitable for use in ready-mixed concrete and all types of structural concrete like pile foundations, water retaining structures, rafts, basement concrete element, concrete exposed to seawater and rainwater, etc. It is also useful in precast concrete involving the use of wet concrete semi-dry concrete, cast stone blocks. etc.



## TYPICAL PROPERTIES AT 25°C

PROPERTY	TEST METHOD	VALUE
Component		Single
Form		Liquid
Colour		Clear
Specific Gravity	ASTM C494	1.05 +/- 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
Water Absorption	BS 1881-122	50% to 70% improvement over control*

## COMPATIBILITY

Creative ConAdd-W.P can be used with all types of cements and cementitious materials Like fly ash, GGBS, micro silica, etc. It is compatible with most of the admixtures.

## PACK SIZE

5 liter, 20 liter, 200 liter

## KEY ADVANTAGES

- Very low water absorption
- Enhances durability of concrete
- Contains no calcium Chloride
- Reduction in permeability without significant changes in strength
- Reduces the drying shrinkage
- Maintains the clean appearance of concrete surface
- Increased cohesion in semi dry mixes



## DOSAGE

Recommended dosage is 0.5 -1.0% by weight of (100kg Cement) cementitious material. Higher dosage can be used after verification of performance by conducting lab and site trials. Optimum dosage of **Creative ConAdd-W.P** and effect on concrete properties such as workability, strength, setting time, etc. are best assessed after preliminary tests on site using the actual materials of mixes under consideration.

## EFFECT OF OVERDOSING

Overdosing may result in increased workability.

## DISPENSING

**Creative ConAdd-W.P** should be directly dispensed into the concrete mixer together with the mixing water.

## TECHNICAL SERVICE

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

## 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)

## GENERAL INFORMATION

Shelf Life	12 months from date of manufacture when stored under warehouse conditions in original unopened packing. Extreme temperature/ humidity may reduce shelf life.
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**Creative Chemical Vietnam Co. Ltd.**

No-15, Street-10A, Bien Hoa Industrial Zone 1, Bien Hoa City, Dong Nai, Vietnam  
Phone: (+84) 251 8877 400, (+84) 61 3836 125, Email: [info@creativechemical.net](mailto:info@creativechemical.net), Web: [creativechemical.net](http://creativechemical.net)

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.