



# Best Con-WL

(Highly Waterproofing Concrete Admixture)

## Advantage of usage:

- High performer waterproof concrete
- Safe concrete from Chloride & sulfur
- ultimate compressive strength
- Much Vibration But no segregation concrete
- Perfect Compaction for concrete
- Improves workability with 10-20% strength gain
- Improves cohesiveness and reduces segregation
- Produces concrete with lower permeability Concrete achieves longer durability
- Highly water reducing admixture
- Concrete can be placed in difficult areas
- Improves bond strength
- Improves flexural strength
- Improves abrasion resistance
- Creates smaller pores
- Reduces bleed water
- Curing time is reduced
- Reduce shrinkage cracks
- Concrete temperature is reduced during mixing
- Anti Rust & Auto Rust Remover
- Non-toxic, non-flammable, and nonhazardous
- Works with Pozzalons, Fly Ash, Silica Fume, Slag

## Description:

Best Con-WL is a dark brown liquid based on lignosulphonates which mixes readily with water and therefore disperses evenly. **Best Con-WL** waterproofs by improving the quality of the concrete or mortar. It reduces the water demand for required workability and minimizes segregation and bleeding. Thus it is more efficient compared to traditional powder water proofers as its use results in two fold improvement of concrete or mortar.

## Packaging:

10 ltr, 32ltr, 125ltr, 250ltr lb plastic drum packaged on a pallet

## Dosage Rate/Directions:

150ml-300ml **Best Con-WL** Mixing Per Bag of Cement. Mix for 5-7 minutes to insure **Best Con-WL** Mix is uniformly dispersed throughout the mix. Amount in concrete mix may be redoes' if necessary.

## Storage:

Self life 2 years in sealed condition, keep within the temperature of 10°C - 45°C in dry place.

## Precautions:

All **Best Con-WL** Mix packages should be stored in a dry location, protected from breakage, deterioration and contamination. The packages are not subject to damage from freezing temperatures.

## Safety:

Avoid contact with skin or eyes. Avoid breathing dust. Wear long sleeves, safety goggles and impervious gloves. See Material Safety Data Sheet for **COMPLAX WL** Mix.





# Best Con-WL

(Highly Waterproofing Concrete Admixture)

## Usage Area & Dosage:

Type of Works	Ratio per bag cement
ETP Concrete/plaster Mortar	200ml - 350ml
Water Treatment plant	200ml - 350ml
Basement mat concrete	200ml - 350ml
Returning Wall Concrete/mortar	250ml - 350ml
Water Tank Concrete	250ml - 500ml
Top slab Concrete	250 ml - 300 ml
Swimming Pool Concrete	250ml - 500ml

## Technical Data:

Appearance	Dark Brown Liquid
PH value	6.09+-0.07
Specific Gravity	1.04+-0.07
Chloride conten	zero%
Alkali Content	no affecting alkali
types	A , F & G
ASTM	C494,

## Chemistry and mechanism of action:

Chemistry and mechanism of action. What differentiates Best Con-WL from the traditional waterproof concrete admixture is a new, unique mechanism of action that greatly improves the effectiveness of cement dispersion. Traditional based on melamine and lignosulphonates, which are absorbed by the cement granules. They wrap around the granules' surface areas at the very early stage of the concrete mixing process. The sulphonic groups of the polymer chains increase the negative charge of the cement particle surface and disperse these particles by electrical repulsion. This electrostatic mechanism causes the cement paste to disperse and has the positive consequence of requiring less mixing water to obtain a given concrete workability. Best Con-WL has a different chemicals item from the traditional option waterproofing for concrete.

**Technical Support:** We are provides a technical advisory service for onsite assistance and advice on admixture selection, evaluation trials and dispensing equipment. Technical data and guidance can be provided for admixtures and other products for use with fresh and hardened concrete.

**Best Con Chemical Industry Ltd.**  
Puchong, Selanagar, Malaysia.  
[www.Bestcon.com](http://www.Bestcon.com)



ETP Concrete Casting Using Best Con-WL



Using Best Con -WL for Basement mat & Returning wall