

**Redwop**<sup>®</sup>  
INNOVATING FOR A BETTER WORLD

**CONCRETE ADMIXTURE**



## PLASTCONE BPO

Bi-Polar corrosion inhibiting admixture

### Description

PLASTCONE BPO is a concrete admixture which will increase the passivation of reinforcement and other embedded steels in concrete. The function of this type of admixture is to enhance the long term durability of reinforced concrete by enhancing passivation to the cathodic and anodic areas of embedded steel.



### Advantages

- Reduces maintenance cost for reinforcement in structure
- Improvement in durability of RCC structure
- RCC roads, canal, tunnel will get greater working life

### Uses

- Prevent corrosion of steel bar in RCC by Nitrite molecule coating
- Prevent free chlorine penetration

### Standard Confirm

- IS 9103:1999 (Certificate No. :- CM/L-7600149811)

### Method of Application

- Actual dosage of PLASTCONE BPO will be decided by trial and mix. As a guide, a dosage range of 0.5 to 1 % volume by weight of cement is normally recommended.

## Technical Information

PROPERTIES	RESULTS
Appearance	Free flowing thin liquid
Sp. Gravity	1.15 to 1.20 @25°C
pH Value	8 to 10
Chloride Content	Nil

## Noteworthy advantages

- **Compatibility:** PLASTCONE BPO is compatible with other types of admixture when added separately to the mix. Site trials should be carried out to optimize dosages.
- **Corrosivity:** It does not contain chlorine which inhibit the corrosion.
- **Cost:** Due to less risk of corrosion in reinforcement the maintenance cost will be reduced.

## Over dosing

- An overdose of double the intended amount of PLASTCONE BPO will result in change in rate of passivation of embedded reinforcement as compared to that normally obtained at the intended dosage.

## Curing

- It is strongly recommended that concrete should be properly cured.

## Packaging

- PLASTCONE BPO is supplied in 50 & 250 Kg drum.

## Storage

- Minimum of 12 months shelf-life if kept under room temperature (i.e. 27°C).

## For selection of admixture

- As per your project please visit our smart store in [www.redwop.net](http://www.redwop.net)

**Note:** All technical data stated in this product data sheet are based on laboratory tests. Actual measured data may vary according to trails and quality of material availability.

## REDWOP CHEMICALS PVT. LTD.

Head office: 2nd Floor, Pearl plaza Complex, B/S GT Sheth School, Near KKV Hall, 150ft Ring Road, Rajkot- Pin.360005 Gujarat, India.

✉ info@redwop.net

🌐 www.redwop.net

☎ +91 97246 55551

☎ +91 281 2576664