

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

**CONCRETE ADMIXTURE**



# REDWOP POZO

Partial replacement of Portland cement

## Description

**REDWOP POZO** is a high efficiency pozzolanic material, used as cement component with Portland clinker (i.e. as a partial replacement of Portland cement). It is obtained by selection, processing and testing of power station fly ash resulting from the combustion of coal used at electricity generating power station.

## Advantages

- It can be used to replace cement in concrete
- compatible with almost all concrete admixture
- Reduce heat of hydration in mass concrete
- It can be used to produce sulphate resistance concrete
- In water retaining structure
- Protect steel reinforcement more efficiently
- Provide higher resistance to chloride ingress
- Increase strength of concrete
- Increase strength

## Uses

- In specially designed concrete
- In mortar
- In cement grout
- In blended cement

## Compliance standard

- IS 3812-1, ASTM C618 Class-F, ASTM C989, C1240

## Technical Information

PROPERTIES	RESULTS
Appearance	Gray colored fine powder
Sp. Gravity	2.3 to 2.5
Loss in ignition	< 2.5%
Partial size	< 18% retained on 45 micron sieve

## Method of Application

- The optimum dosages of REDWOP POZO can be decided on the basis of requirements of structure by concrete designer as per mix design.

Design	REDWOP POZO % total cement content
Low grade concrete (up to 35 Mpa)	23-35
Medium grade concrete (35-50)	23-35
Pre-cast concrete	20-35
Mass concrete	50
Pump able concrete	30-35
Self-compacting/levelling concrete	40
Mortars	15-35
Grouts	20-35

## Packaging

- REDWOP POZO is supplied in 50 Kg bags.

## 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 trials 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