

## PROXON CW ADMIX

**PROXON CW ADMIX** is a crystalline waterproofing admixture that permanently seals concrete by forming insoluble crystals, preventing water ingress and deterioration. Suitable for above- and below-grade applications.



### What

**PROXON CW ADMIX** is a crystalline waterproofing admixture that forms non-soluble crystals in concrete, sealing pores & capillaries to prevent water ingress. It provides permanent waterproofing & protection against environmental deterioration in both above- & below-grade applications.

### Why?

- Permanent waterproofing solution
- Long-lasting active ingredients
- Withstands both pressures
- Non-toxic, potable safe
- Prevents corrosion & weathering
- Compatible with admixtures

### Usage

Water Retaining & Resisting Structures:  
Water tanks, sewage plants, swimming pools, reservoirs, canals, harbours, dams, basements, tunnels, underground car parks, retaining walls, bridge decks, sea defense walls, jetties, and parking structures.

### How to use?

- Mix powder slurry
- Ensure even distribution
- Thoroughly mix aggregates
- Avoid dry clumping
- Maintain temperature above 4°C
- Trial mixes recommended

# PROXON CW ADMIX

## Application

### Surface Preparation:

For a centrally operated ready-mix plant, mix 18kg **PROXON CW ADMIX** with 22L water to form a slurry. Add to the ready-mix truck containing aggregate, cement, and water. Mix for at least 5 minutes for even distribution.

For a dry mix plant, add **PROXON CW ADMIX** to the truck mixer under the batch plant. Add 60-70% water with 136-227kg aggregate and mix for 2-4 minutes. Add remaining materials and mix per standard design. For a precast plant, mix **PROXON CW ADMIX** with aggregate and sand for 2-3 minutes before adding cement and water. Follow standard concrete mixing practices.

### Important Notes:

Do not add dry powder directly to wet concrete.  
Concrete temperature must be above 4°C.  
Possible set retardation varies with mix design and dosage.

Concrete with **PROXON CW ADMIX** may achieve higher strength.  
Trial mixes recommended for project conditions.  
Compatible with fly ash and slag mixtures.

## Packing

10kg and 25kg bags

## Shelf life

Can be stored in a cool, dry, shaded area. Shelf life is 12 months when kept covered, out of direct sunlight, and at a minimum temperature of 7°C.

## Safety Measures

**PROXON CW ADMIX** contains no hazardous substances, but caution is advised. Wear protective gloves, goggles, and PPE. Reseal containers after use. In case of skin or eye contact, rinse with water. If swallowed, seek medical help immediately.

## Physical Properties

Appearance	Grey Powder
Dosage by weight of cement	8% for above level   10% for above level
Particle Size	40 - 150µm
Specific Gravity	2.8
Crack Sealing	0.4 - 0.5 mm
Water Penetration DIN 1048	40% Reduction
Capillary Absorption ASTM C 1585	40% Reduction

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Compressive Strength ASTM C 39	5% Increase
Drying Shrinkage ASTM C 157	Minimum 18% Reduction
Chloride ion content	Nil

**MANUFACTURING & MARKETING BY:**

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