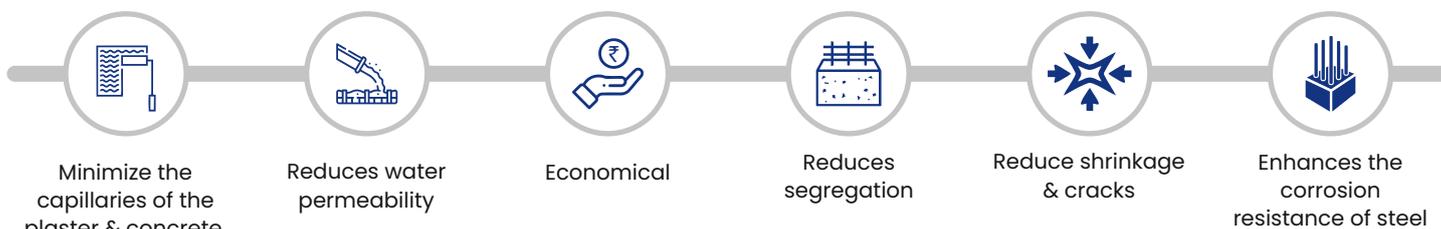




# 201 IPW+

(Integral Liquid Waterproofing Compound for Plaster & Concrete)



**Conforms** to IS:2645:2003

**Available in Packing:**  
200 ml, 1, 5, 10, 20 & 200 litre

## Description

An integral waterproofing concrete and mortar admixture specifically formulated to reduce capillaries in cement concrete, mortar, and plaster by promoting the rapid hydration of cement. It effectively decreases permeability and enhances the cohesiveness of the mix, thereby improving durability and resistance to water ingress.

## Application Areas

It is suitable for use in reinforced concrete (RCC) columns, beams, roof slabs, water tanks, basements, external plastering, and other similar applications.

## Technical Properties

PROPERTIES	SPECIFICATIONS	APPLICABLE STANDARD
Appearance	Transparent / Brown Liquid	Visual
pH	10 ± 1	IS 9103
Specific Gravity @ 27° C	1.1 -1.2 g/ml	
Non volatile content	13% - 15%	
Water permeability	Passes	IS 2645:2003
Chloride content	< 2%	IS 2645:2003
Setting time	Passes	IS 2645:2003
Compressive strength	Passes	IS 2645:2003

## Method of Application

- Charge the cement and aggregates into the concrete mixer and mix in dry state for 2-3 mins.
- Gradually 50-60% of the required water and continue mixing for 2-3 minutes.
- Add **Plastochem 201 IPW+** as per the dosage to the remaining water, then pour this into the mixer and continue mixing for an additional 2 minutes, for a homogenous mixture.
- Place the mixed concrete or apply plaster as necessary.
- Cure the applied mortar or concrete following standard construction practices.

## Dosage

Desired dosage of **Plastochem 201 IPW+** is 200ml per 50 Kg Cement Bag. A severe over-dosage will result in the retardation of initial set & decrease in workability.

## Shelf Life & Storage

Best before 2 years from the date manufacture when in sealed pack and stored under proper condition. Store in a cool & dry place.

## Limitations

- **Plastochem 201 IPW+** should be used in recommended dosage.
- Maintain water cement ratio as low as possible.
- Do not add **Plastochem 201 IPW+** directly to dry cement & aggregate mix.
- Shake the liquid before use.

## Precautions

- Use rubber hand gloves & safety goggles, while using **Plastochem 201 IPW+**.
- In case of contact with skin, wash with plenty of water and seek medical guidance, if needed.
- Keep out of reach of children.

Manufacturer:

**KG Plastochem (I) Pvt. Ltd.**

An ISO 9001: 2015 Certified Co.

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