

JKPROFIX

TRUSTED BY EXPERTS



Technical Data Sheet

Liquid Waterproofing Polymer



Liquid Waterproofing Polymer

CONCRETE INTEGRAL WATERPROOFING COMPOUND

JKPROFIX Liquid Waterproofing Polymer is a uniquely designed waterproofing compound that is vital for cement mortar, concrete and plaster. Composed with plasticizing additives, it helps to make the concrete more cohesive and compact. Helps to prevent segregation of mortar/plaster and reduce water permeability inside the structure.



Usage

Concrete, sand-cement mortars, basements, foundation, roof slabs, screeds, water tanks, water retaining structures, external and internal plasters, bathrooms, balconies, sumps and drains, brick laying mortar.

Key Benefits and Features

- Easily miscible liquid and compatible with concrete/ mortar mixes.
- Reduces permeability of water into concrete after setting.
- Improves workability and plasticity of concrete mix.
- Increases compressive strength up to 15% within defined setting time.
- Resists corrosion of reinforcement steel due to chloride penetration and water.
- Increases durability by providing waterproofing in concrete.

*Consult with JKPROFIX Technical Team for support



Typical Properties

Standard Compliance: Conforms to IS 2645 for water impermeability

Appearance: Brown color liquid

Dosage

200 ml per 50 Kg bag of Cement

Application Method

1. Cement and coarse/ fine aggregates are charged into concrete mixer as per mix design. Prepare a homogeneous mix in dry state for 2-3 minutes. Make icons for mixing and application method.
2. Start addition of 50-60% of mixing water and mix for 2-3 minutes.
3. JKPROFIX Liquid Waterproofing Polymer is added as per recommended dosage into the remaining mixing water, then add to the concrete mixer and mix for another 2 minutes.
4. Place the concrete or apply plaster as needed.
5. Cure the applied mortar/ concrete as per good construction practices.

Technical Information

S. No.	Test Property	Typical Value
1	Sp. gr. @ 25 °C	1.11 – 1.15
2	Non volatile content	24.7 – 27.3%
3	pH value	8.0 – 10.0
4	Setting time, minutes	Passes (IS : 2645 : 2003)
5	Chloride content	0.1% Max (IS : 2645 : 2003)
6	Water permeability	Passes (IS : 2645 : 2003)
7	Compressive strength N /mm ²	As per the standard (IS : 2645 : 2003)

Precautions/ Limitations

- Do not add directly to dry cement and aggregate mix.
- Maintain water-cement ratio as low as possible.
- In the event of spills, contain spillage using sand or earth.
- Keep out of reach of children and away from eatables.

 JKcement

JKPROFIX
TRUSTED BY EXPERTS

Safety

- Use rubber gloves and safety goggles while using construction chemicals.
- In case of contact with skin and eyes, wash with plenty of water and seek medical advice.
- May be harmful if swallowed. In case of ingestion seek immediate medical attention.
- Keep out of reach of children.

Packing

200ml, 1L, 5L, 10L, 20L, 50L

Shelf Life

24 months from the date of manufacturing, when stored in a dry and covered place.



Registered Office : Kamla Tower, Kanpur - 208001
Ph. : 0512-2371478-85, Fax : 0512-2399854 E-mail : admin@jkcement.com

Corporate Office : Prism Tower, 5th Floor, Ninaniya Estate, Gwal Pahari,
Gurugram - 122102, Haryana Tel : +(91)124-6919000

Website : www.jkcement.com **Toll Free No. :** 1800 102 8868
Customer Care : customercare.white@jkcement.com

