



iBlok 3K Waterstop

INTERIORS & EXTERIORS



INTERIOR &
EXTERIOR



JSW Paints iBlok Waterstop 3K is a three-component Crystalline Waterproofing solution for superior waterproofing coating. Its advanced Crystalline technology goes deep inside the capillary pores in walls and forms an insoluble crystal network inside the pores which makes a non-toxic waterproofing coat on masonry surface. It's suitable for all types of masonry surfaces. Best-in-class resistance against positive and negative water pressure. Ideal for water retaining structures like overhead water tanks, domestic water tanks, and swimming pools.



Pack Size: 3KG

FEATURES



- Crystalline Waterproofing
- Positive & Negative waterproofing
- Anti-Efflorescence
- Crack Bridging
- Anti-carbonation
- Safe for drinking Water
- Wide Range of applications

SURFACES



For all cementitious and masonry surfaces, bricks walls, concrete surfaces, water submersible areas such as bathrooms, toilets, balconies etc.

CERTIFICATION



Hydrostatic Pressure:

EN 12390-8:2079, Passes upto 8 Bar of positive water pressure. Passes up to (-4.5) bar of negative water pressure.

Crack Bridging:

Excellent crack bridging ability and flexibility, bridges cracks up to 1.7mm (EN 1062-7(A):2004)

Safe for drinking water:

Approved by CFTRI

Elongation:

High Elastic film.
Withstands elongation more than 100% (ASTM D412: 2016)

Adhesion:

Superior Bond Strength with cementitious substrates (ASTM D 7234:2022)



PREPARATION

- Allow freshly plastered surfaces to be cured for 28 days before painting. Surface should be firm and strong.
- Wash the surface thoroughly using water and a strong brush. Remove all loosely bound sand particles, loose paint, dirt, black spots, fungus, salts/efflorescence, and moss over the moisture-captured walls.
- Study structural cracks with a structural engineer and repair them. Repair non structural cracks up to 3mm using iBook Waterstop Crack

Fix as per recommended application practice. Loose and Chalky cement plaster must be removed up till brick level. Surface should be cleaned and all existing salt depositions should be removed.

- Ensure that the entire surface is in saturated surface dry (SSD) condition before the application of iBlok waterstop 3K.
- In case of efflorescence, cement plaster must be removed from the affected areas up to the brick level.



MIXING

- 1 Add cementitious powder to the liquid, mixing one part of the liquid with one part of component 1 and one part of component 2, slowly, under continuous stirring.
- 2 For bulk volume, use a Mechanical Stirrer. Mix all the amount until you obtain the smooth, homogeneous slurry without forming any lumps.
- 3 Allow the mixed slurry to stand for 5-10 minutes for releasing air-trapped during the mixing, prior to application. Mixing material must be used within the recommended pot life.



APPLICATION PROCESS

Step 1: Apply iBlok 3K Slurry by a brush or roller over SSD masonry/brick surface.

Step 2: Let the 1st layer dry for 4-6 hours (the drying depends on the ambient temperature).

Step 3: Then apply the 2nd layer perpendicular to the 1st layer for best results. Achieve a coverage of 15 Sqft/Kg/Coat.

Step 4: Cement plaster should be applied within 24 to 48 hours in cases where existing cement plaster is removed.

PRECAUTION



1. Shake, stir, and strain before use.
2. Application temperature needs to be between 70°(& 45°(and humidity should not be greater than 90% RH.
3. This is a pre-measurement pack. Do not dilute with water or add more sand or cement to iBlok Waterstop 3K when mixing or when applying the coat.
4. At least 3 to 5 days curing is required to complete curing.
5. Overlaying of cementitious screed/plaster must be done within 24 to 48 hours.
6. Store the container with the lid tightly closed in an upright position, in a cool & dry place.
7. May be harmful if swallowed. In case of ingestion, seek immediate medical attention.
8. In case of skin contact, immediately wash the skin with a soap and plenty of water. Get medical assistance. Get medical attention if irritation develops or persists.
10. Do not pour leftover material down the drain or in water courses.
11. In the event of spills, contain spillage using sand or earth.
12. No added Lead, Mercury, or Chromium compounds.
13. Do not breathe vapour or spray. It is recommended to wear a suitable safety mask during sanding and surface preparation to avoid dust inhalation.



INFORMATION AND CARE

ENVIRONMENTAL HEALTH AND SAFETY

- Use only with adequate ventilation during application and drying
- Avoid contact with eyes and prolonged or repeated contact with skin
- Do not breathe spray mist or sanding dust
- Use a dust mask or a nose pad during application, sanding and clean up
- Close container after each use
- Wash thoroughly after handling
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- In case of skin contact, immediately wash skin with a soap and plenty of water. Get medical attention if irritation develops or persists
- No added Lead, Mercury, Chromium, Arsenic and other heavy metals

ABOUT CRYSTALLINE WATERPROOFING

Crystalline Waterproofing Technology is a construction technique used to make concrete structures more resistant to water penetration in concrete and cementitious surfaces. It makes the concrete resistant to a chemical attack. Provides anti-carbonation properties.

BRUSH

For best results, use flat brush.

DILUTION

Ready to use an undercoat. No Dilution is required for the Application.

PRODUCT INFORMATION

Colour

NA

KEY DATA

Coverage[^]

15 Sqft/Kg/Coat

Drying Time*
(30°C @ 60 R/H)

Surface Dry - 4 to 6 Hours
Recoat - 4-6 Hours

Product Color:

Light Grey (After Mixing)

Thin with

No Dilution

POST PAINTING CARE

- If application is being done on brick walls, top layer of cementitious screed coating needs to be done within 24 to 48 Hours.
- Standard curing of cementitious screed is required for minimum 3 to 5 days to ensure complete cement hydration.

Other JSW Paints Preparation Products

JSW Paints offers a wide range of waterproofing solutions. JSW Paints iBlok- The Sure way to waterproof your home.



**iBLOK
ROOF COAT**



**iBLOK
WATERSTOP
DAMPLOC**



**iBLOK
BASE COAT
INTERIOR**



**iBLOK
BASE COAT
EXTERIOR**



**iBLOK
CRACK FIX**



**iBLOK
WATERSTOP
WALL PUTTY**



**iBLOK
WATERSTOP 3K**

JSW Paints Top Coats Range

Our extensive range of water-based emulsions is designed to capture myriad ideas of beauty and evoke a spectrum of emotions that set the perfect ambience.



**MAJESTIC
INTERIORS SILK**



**MAJESTIC
INTERIORS SHINE**



**MAJESTIC
EXTERIORS SILK**



**AURUS
INTERIORS SILK**



**AURUS
EXTERIORS SILK**

JSW Paints - Think Beautiful. Every JSW Paints product works to transform beautiful thoughts to reality. Everything about the paint, its application and finish is designed to be the 'Simple-Swift-Sure' way to making homes beautiful.

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This information sheet supersedes all previous versions

For feedback/complaints, write to Customer Care Manager, JSW Paint Pvt. Ltd, Jindal Mansion, SA, Dr. G. Deshmukh Marg, Mumbai 400 026, India or email at ccpaints@jsw.in or call on 1800-121-5797.

*Drying time and number of coats are dependent on temperature, humidity, surface porosity and film thickness.

[^]Actual coverage may vary from the quoted coverage, due to factors such as method and condition of application and surface roughness and porosity.

-VOC Levels as certified by NTH. Meets VOC as per BIS Standard - IS 101 (Part 2/Sec 2)/1986 & IS 101 (Part 2/Sec 1)/1988

REFER TO PRODUCT INFORMATION SHEET AND MSDS FOR MORE DETAILS