



iBlok

WATERSTOP MEGA

ROOF COAT
EXTERIORS



iBlok Waterstop Roof Coat Mega is a PU-fortified, elastomeric liquid-applied waterproofing membrane designed for long-lasting protection. Formulated with advanced polyurethane (PU) polymers, it offers superior flexibility and durability. Upon curing, it creates a seamless, tough, and highly resilient barrier that provides up to 12 years of effective waterproofing performance.

Tested to protect roofs from moisture and dampness for long.

PACK SIZES



GLOSS LEVEL



FEATURES

- PU-fortified for lasting waterproofing.
- 12-year warranty on all surfaces.
- Bridges the cracks with elastomeric flexibility.
- Resists 11-bar hydrostatic pressure.
- Reflects heat, lowers surface temp by 14°C.
- Strong adhesion to damp masonry.
- Fibre-reinforced for durability.
- Blocks carbonation and efflorescence.

SURFACES

Plastered and prepared new masonry surfaces and well prepared, previously painted walls.

CERTIFICATION

As per (EN 12390 – 8 – 2019) it passes 11 Bar of resistance to positive hydrostatic pressure on horizontal surfaces.

As per (EN 12390 – 8 – 2019) it passes 8 bar of resistance to positive hydrostatic pressure on vertical surfaces.

As per the (ASTM D 2370 – 2016) the film elongates up to 507% without getting damaged, and provides crack bridging up to 5 mm as per EN 1062 – 7(A) – 2004.

As per (ASTM D 4803 – 2018) it passes a surface temperature reduction of 14 degree celsius - applicable for terraces and for white shade.

CAUTION

Do not apply below 10°C or above 45°C.

Do not apply if humidity > 90%.

Do not over-thin. Use thinned paint within 24 hours.

Shake, stir and strain paint before use.

In case of contact with eyes, wash with plenty of water and seek.

Tightly close the lid when not in use and store in a cool, dry place.

Surface temperature reduction is measured between 1:00 PM and 3:00 PM using a non-contact infrared thermometer. Actual reduction may vary depending on surface condition, weather, and application practices. **All sources of moisture, seepage or water leakage should be identified and treated prior to the application of iBlok Roofcoat Mega. ***In rare cases, when applied on terraces under high ambient temperatures, the coating may exhibit a slight tacky feel. This is a temporary condition, does not impact product performance and will gradually reduce within 2-4 weeks.



PREPARATION

- Allow freshly plastered surfaces to cure for 28 days before painting.
- Remove all loose paint, fungus, and algae with wire brush and thoroughly clean with water.
- Study structural cracks with structural engineer and repair.
- Open non-structural cracks in V-grooves and fill with iBlok Waterstop Crack Fix.
- Ensure the terrace is clean and repaired, free of grease, dust, and debris.
- Provide proper slope on the roof to prevent water ponding.
- Remove all existing bitumen coatings completely.
- It is recommended to use Intense wire brushing, High speed water jet and a vacuum cleaner for thorough cleaning of the surface to avoid "Peeling off" problems
- The substrate must be checked for its soundness using a small Hammer. All cracks at corner joints, channels and parapets should be properly treated.



APPLICATION

For Horizontal Surface:

Apply 1 coat of self-priming coat (diluted with 25% water) with a coverage of 50 Sqft/L. Then apply 2 undiluted coats of 25 Sqft/L each, achieving an overall coverage of ~10 Sqft/L.

For Vertical Surface:

Fresh Painting Surface: Apply 1 layer of self-priming coat (diluted 25% water) for coverage of 50 Sqft/L. Dry it for 4-6 hrs. Then apply 1 coat of coverage of 30 Sqft/L each.

Repainting Surface: On previously painted surfaces with exterior emulsion like Halo & Aurus, apply 1 coat of iBlok Waterstop Roof Coat Mega undiluted for coverage of 30-35 Sqft/L. Dry it for 4-6 hrs.

Top Coat: Apply as per the product information sheet.

Roller: Use Long Nap Felt Roller for best results.



INFORMATION AND CARE

ENVIRONMENTAL HEALTH AND SAFETY

- Use only with adequate ventilation during application and drying.
- Avoid prolonged contact with eyes or repeated contact with skin.
- Do not breathe spray mist or sanding dust.
- Use disposable rubber gloves, dust mask or 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 contact with skin, immediately wash skin with soap and plenty of water. Seek medical attention if irritation develops or persists.
- No added Lead, Mercury, Chromium, Arsenic, and other heavy metals.

POST-PAINTING CARE

- Apply finishing coat within 7 days of application for vertical surfaces.
- For optimum performance, wash and clean algal, and fungal growths over the surface periodically.



PRECAUTION

- Do not apply at temperature below 10°C and over 45°C and humidity greater than 90%.
- Ensure that the terrace surface has adequate slope to avoid water ponding.
- Ensure that iBlok Waterstop Roof Coat is applied at least 6 inches inside the drain pipe.
- Ensure proper washing and cleaning of surface to avoid dust accumulation.
- Avoid actions like moving of heavy equipment or sharp objects on the terrace or anything which can puncture the coating.
- Shake and stir before use.
- In case of contact with eyes, wash with plenty of water and seek medical advice.
- Tightly close the lid when not in use and store in a cool, dry place.
- Repair the hallow surface area before applying the Roof Coat Mega
- For oily, existing failure coating surface, carry patch tests to check adhesion of product to substrate.
- Do not apply during rain or extreme temperatures.
- Not recommended for rainwater harvesting purpose.

PRODUCT INFORMATION

Colours	White
Drying Time	• Surface Dry – 40 mins • Recoat – 6 hrs
Vehicle Type	Acrylic System
Thin with	Potable Water
VOC levels	Low VOC-
Temperature	5°C to 35°C



PRODUCT TECHNICAL DETAILS

Sr. No.	Performance Characteristics as per ASTM standards	Coverage [sq.ft./L]	iBlok Waterstop Roofcoat Mega
1	Pull off adhesion strength [ASTM D 4541] Dry concrete	10	Minimum 1.91 MPa (S/F) Mpa
2	Tensile strength [ASTM D 2370/98: 14 days]	10	2.13±0.15 Mpa
		30	3.42± 0.18 Mpa
3	% Elongation [ASTM D 2370/98: 14 days]	10	507 ± 10% (Horizontal)
		30	310± 10% (Vertical)
4	Crack Bridging Ability [EN 1062-7(A)-2004]	10	5.15 ± 0.35 mm for Horizontal
		30	3.04 ± 0.125 mm for Vertical
5	% Solids [ASTM C 1250]	-	49 to 54 % @ 120° C/1 hr
6	Overcoating time interval	-	4-6 Hrs @ 30° C
7	Weight per liter/Specific Gravity - IS 101	-	1.14 to 1.21 @ 30° C
8	Temperature reduction [In house method]	10	Up to 14° C

Note : These value ranges have been observed in controlled lab test conditions.

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
BASE COAT
INTERIOR**



**iBLOK
BASE COAT
EXTERIOR**



**iBLOK
ROOF COAT
EXTERIOR**



**iBLOK
WATERSTOP
DAMPLOC**



**iBLOK
CRACK FIX**



**iBLOK
WATERSTOP
WALL PUTTY**



**iBLOK
WATERSTOP 3K**

JSW Paints Top Coats Range:

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



HALO EXTERIOR



AURUS EXTERIOR



PIXIA EXTERIOR

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This information sheet supersedes all previous versions.

For feedback/complaints, write to JSW Paints Ltd., Jindal Mansion, Dr. G. Deshmukh Marg, Mumbai 400 026, Maharashtra, 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.