

# WATERPROOFING SOLUTIONS





ADITYA BIRLA GROUP

**CREATING  
PURPOSE FOR  
165 YEARS THROUGH  
COMMUNITIES AND  
CONNECTIONS**





**5 lakh+ crore**

turnover with roots in  
20+ industries



**41 countries**

where innovation  
and creativity are  
flourishing



**9000+**

Village Adoptions  
Educational Institutes  
Hospitals  
Culture Centers  
Water Conservation



**Padma Bhushan**

Shree Kumar Mangalam  
Birla, ABG Chairman,  
awarded for his  
exceptional contributions

# DREAMING BIG AND GROWING IN SOME PLACE NEW

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We're getting into  
the paints business.



## ADITYA BIRLA

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## PAINTS





Trust is not just a value we uphold at Aditya Birla Group, it's a promise we deliver on every day across every aspect of our business operations. We've earned this by winning the hearts of our customers for 165 years.

**Trust extends to a new canvas as we launch our paints and waterproofing with Birla Opus.**



# With production planned at 40% of India's paint consumption

- Initial investment of INR 10,000 Crores
- Second largest capacity of 1.3 Billion Litres per Annum
- 6 Highly Automated Plants Pan-India
- 11 Development labs, Analytical & Microbiology services
- Team of 120+ research experts with an experience of 1000+ years
- Emulsions are developed in-house at R&D facility





## ABOUT BIRLA OPUS PRIME

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*Unveiling a new palette of exceptional **paint and waterproofing solutions** for **institutional projects** delivered with a world-class service experience*

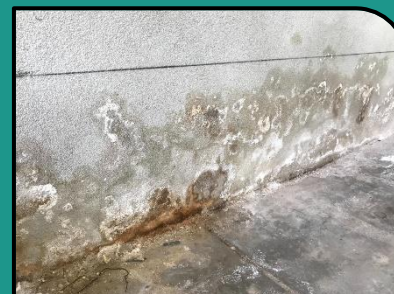
## PAIN POINTS



Cracks



Blistering



Efflorescence



Water Seepage



High Water Table



High Temperature

## SOLUTION

By selecting high-quality waterproofing solutions from Birla Opus Prime, you can effectively protect structures from these common forms of wear and tear, maintaining their appearance and structural integrity for years to come.

One of our products, **Birla Opus Prime B90 Acrylic Waterproof Coating** offers below protection to your surfaces:



**HYDROSTATIC PRESSURE**



**SURFACE TEMPERATURE REDUCTION**



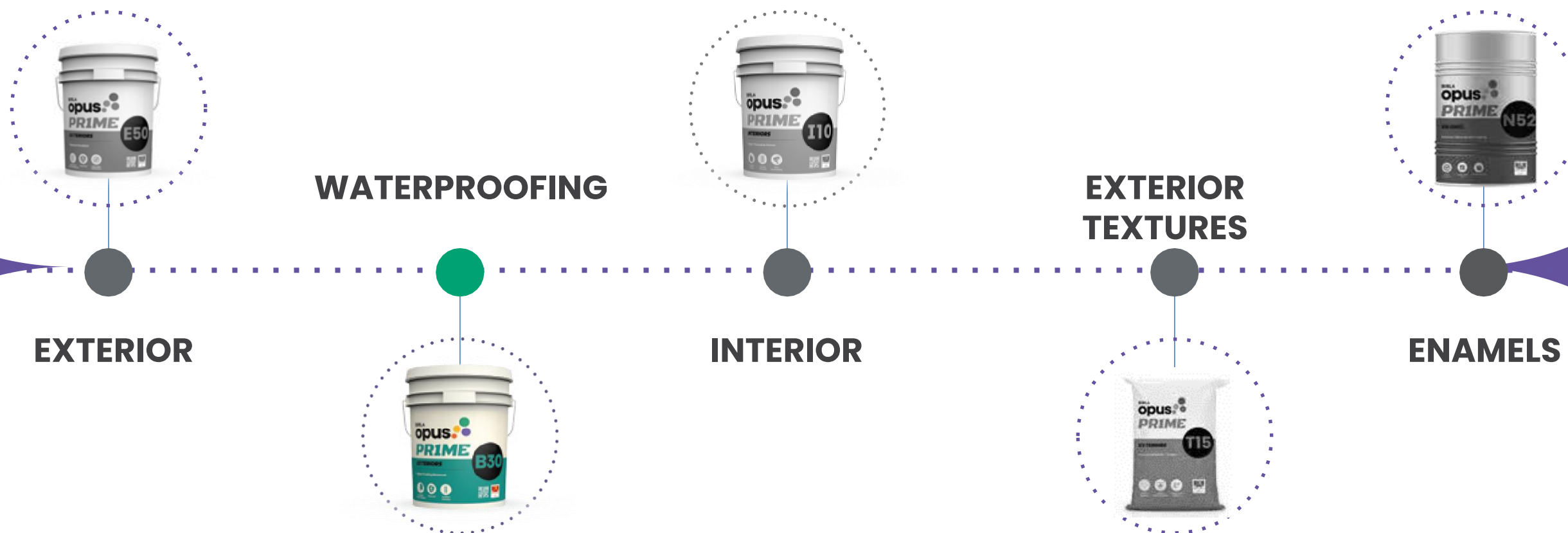
**OUTSTANDING CRACK BRIDGING ABILITY**



**ANTI-CARBONATION**



# WIDE PRODUCT PORTFOLIO



# WIDE WATERPROOFING RANGE

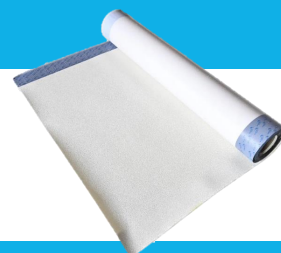
## CEMENTITIOUS



## ACRYLIC



## HDPE



HP12

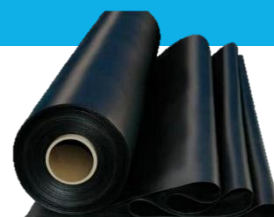
HS12

HW15



HT30

## APP

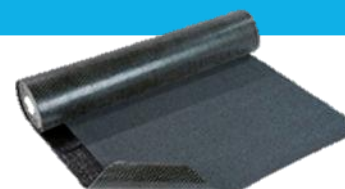


AP30



APS1

## SBS



SB15

# Acrylic and Cementitious Waterproofing







## WATERPROOFING – B30

### Waterproof Coating

Birla Opus Prime B30 Waterproof Coating is an acrylic waterproof coating designed for application on both horizontal and vertical walls. It provides excellent crack-bridging and water-resistant properties, reinforcing the protection of exterior surfaces.



#### WARRANTY\*

Up to 5 years of waterproofing system warranty on horizontal and vertical applications.



BIRLA  
**opus**  
**PRIME**

## PRODUCT FEATURES



### HYDROSTATIC PRESSURE

Safeguards against positive hydrostatic pressure of up to 5 Bar.



### EXCEPTIONAL CRACK BRIDGING ABILITY

Highly elastomeric coating provides crack bridging of up to 0.5 mm



### EXCELLENT ADHESION

Forms a robust bond between the coating film and the substrate enhancing longevity, stability, and overall performance.



### EXCELLENT FLEXIBILITY

Offers elongation up to 100% for vertical surfaces preventing cracks or detachment of the coating.

## PRODUCT DETAILS

### AVAILABLE PACKS



### COLOURS AVAILABLE

WHITE

### SHELF LIFE



**36 months**  
from the date of  
manufacture



## WATERPROOFING – B70

### Luxury Waterproof Coating

Birla Opus Prime B70 Luxury Waterproof Coating is an elastomeric coating that provides excellent waterproofing properties, high durability, and resistance to water penetration for wall & terrace surfaces. The elastic cross-linking mechanism of the polymer along with the acrylic fibres gives additional reinforcement to the film.



#### WARRANTY\*

11 years waterproofing system warranty on vertical applications and 10 years on horizontal applications\*.





BIRLA  
**opus**  
**PRIME**

## PRODUCT FEATURES



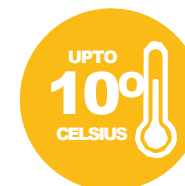
### HYDROSTATIC PRESSURE

Shields against positive hydrostatic pressure of up to 10 Bar thus preventing water penetration into the film.



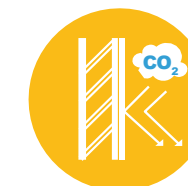
### EXCEPTIONAL CRACK BRIDGING ABILITY

Highly elastomeric coating provides crack bridging of up to 2 mm.



### SURFACE TEMPERATURE REDUCTION

Provides excellent surface temperature reduction up to 10° C\*.



### ANTI-CARBONATION

Coating acts as an effective barrier against carbon dioxide thus protecting the rebars against corrosion.

## PRODUCT DETAILS

### AVAILABLE PACKS



### COLOURS AVAILABLE

WHITE

### SHELF LIFE



**36 months**  
from the date of  
manufacture



## WATERPROOFING – B90

### Ultra Luxury Waterproof Coating

Birla Opus Prime B90 Ultra Luxury Waterproof Coating is a specialized waterproofing formulation comprising of tough acrylic and PU hybrid polymers. The incorporation of a unique elastomeric structure, combined with acrylic fibres, enhances the film's strength and provides cooler exterior surfaces..



#### WARRANTY\*

14 years waterproofing system warranty on vertical applications and 12 years on horizontal applications.



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**opus**  
**PRIME**

## PRODUCT FEATURES



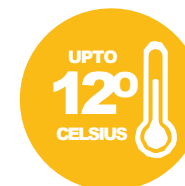
### HYDROSTATIC PRESSURE

Protects against positive hydrostatic pressure of up to 12 Bar thus preventing infiltration of water into the film.



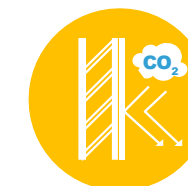
### OUTSTANDING CRACK BRIDGING ABILITY

Highly elastomeric PU hybrid polymer provides crack-bridging of up to 3 mm.



### SURFACE TEMPERATURE REDUCTION

Provides outstanding surface temperature reduction upto 12°C\*.



### ANTI-CARBONATION

Coating serves as a robust barrier against carbon dioxide thereby safeguarding the rebars from corrosion.

## PRODUCT DETAILS

### AVAILABLE PACKS



### COLOURS AVAILABLE

WHITE

### SHELF LIFE



**36 months**  
from the date of  
manufacture





# WATERPROOFING – C2K

## Cementitious 2K Coating

Birla Opus Prime C2K is a two-component acrylic cementitious, polymer modified elastomeric waterproof coating.

It is composed of cement with properly graded sand and selected additives as one part & an acrylic emulsion as a binder in its second part. It is applied for protection & waterproofing of concrete and masonry substrates.



## Waterproofing Warranty\*

Upto 3 years on brick surface and upto 1 year on plastered surface\*.



## PRODUCT FEATURES



### POTABLE WATER SAFE\*

Product conforms to overall migration test specifications as per USFDA-175:300 conducted by CFTRI for intended use for contact with potable water.



### ANTI-EFFLORESCENCE\*

Mitigates the salt formation on the surface maintaining the integrity and overall finish.



### CRACK BRIDGING ABILITY

Highly elastomeric coating provides crack bridging of up to 1.2 mm.



### HYDROSTATIC PRESSURE

Can resist up to 5 bar positive hydrostatic pressure and up to 4 bar negative hydrostatic pressure.

## PRODUCT DETAILS

### AVAILABLE PACKS

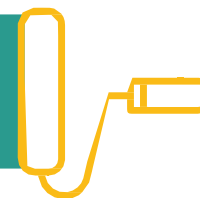
15kg



### COVERAGE

Estimated forced coverage-

**7 – 8 sq.ft/kg for 2 coats\*\***



\*\*Actual coverage may vary from the quoted coverage due to factors such as method and condition of application and surface roughness and porosity. One should ensure coverage is not higher than the one prescribed above for optimal performance.

### COLOURS AVAILABLE

**GREY**

### SHELF LIFE



**12 months**  
from the date of  
manufacture

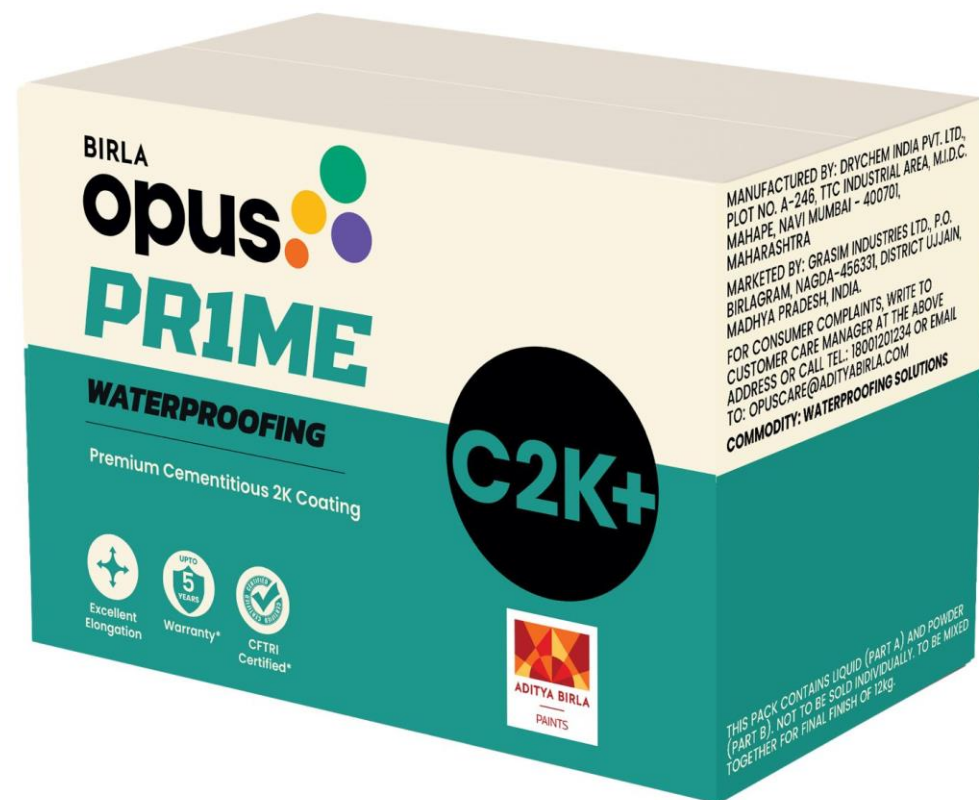
# WATERPROOFING – C2K+

## Premium Cementitious 2K Coating

Birla Opus Prime C2K+ is a two-component high performance acrylic cementitious , polymer modified elastomeric, waterproofing & protective coating. It is composed of high quality cement with properly graded sand, selected additives as one part & an acrylic emulsion as a binder in its second part. It is applied for protection & waterproofing of water retaining structures like swimming pools etc. It has strong bonding to the substrate & excellent resistance to hydrostatic pressure.



**Waterproofing Warranty\***







## PRODUCT FEATURES



### POTABLE WATER SAFE\*

Product conforms to overall migration test specifications as per USFDA-175:300 conducted by CFTRI for intended use for contact with potable water.



### EXCELLENT ELONGATION

Offers elongation up to 200% for vertical surfaces preventing cracks.



### EXCEPTIONAL CRACK BRIDGING ABILITY

Highly elastomeric coating provides crack bridging of up to 2mm.



### HYDROSTATIC PRESSURE

Safeguards against hydrostatic pressure of up to 5 bar positive and upto 4 bar negative.

## PRODUCT DETAILS

### AVAILABLE PACKS

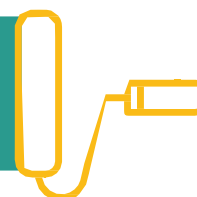
12kg



### COVERAGE

Estimated forced coverage-

**5.4 – 6.4 sq.ft/kg for 2 coats\*\***



\*\*Actual coverage may vary from the quoted coverage due to factors such as method and condition of application and surface roughness and porosity. One should ensure coverage is not higher than the one prescribed above for optimal performance.

### COLOURS AVAILABLE

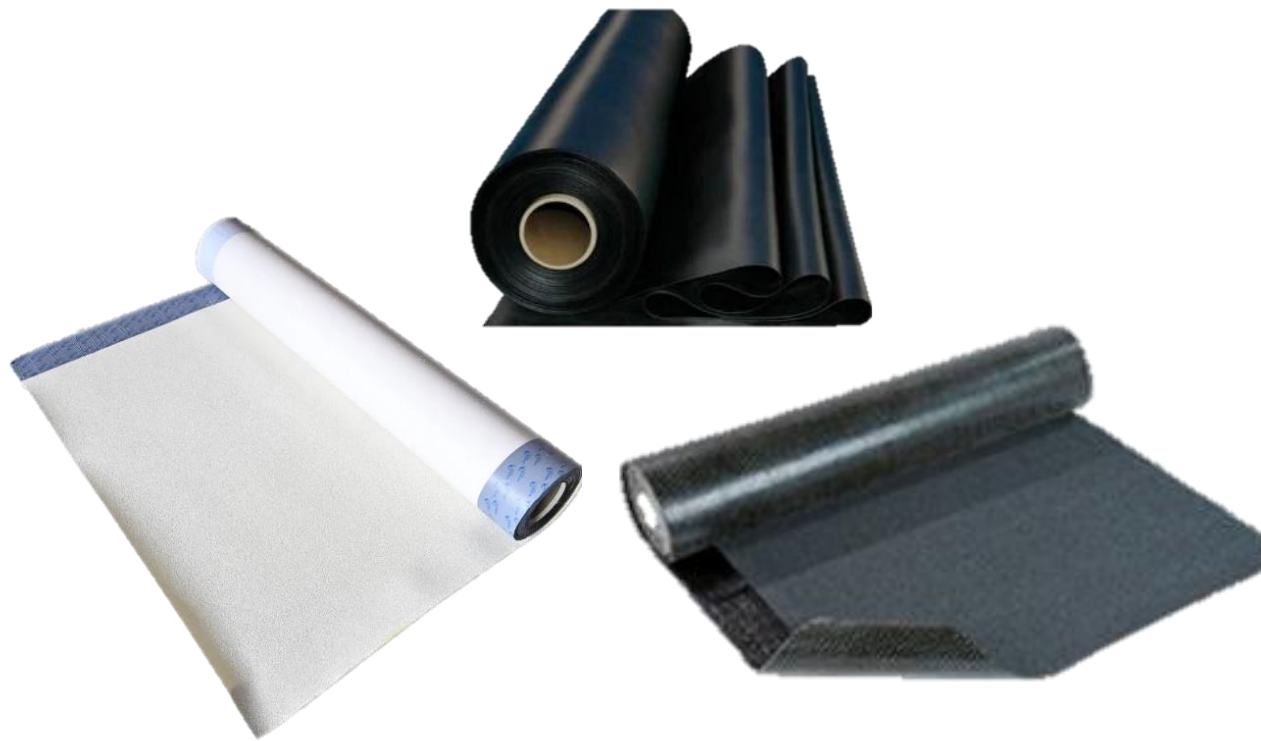
**GREY**

### SHELF LIFE

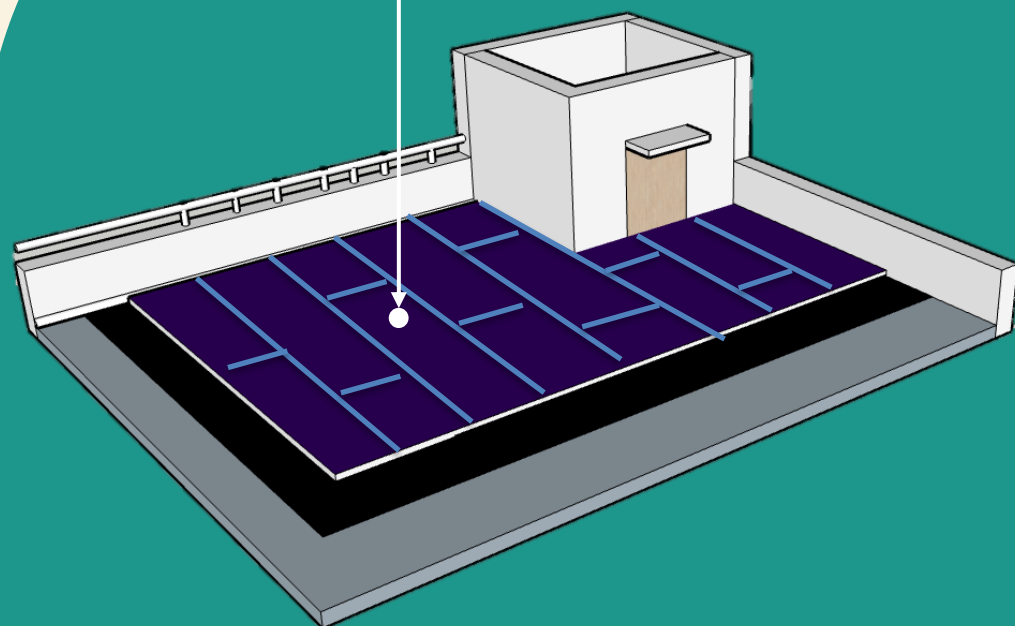


**12 months**  
from the date of  
manufacture

# Membrane Waterproofing



**AP30 Polyester Membrane**



## **WATERPROOFING – AP30**

### **APP Polyester Membrane – Plain Finish**

Birla Opus Prime AP30 membrane are based on premium-quality bitumen and specialized polymers (APP-Atactic polypropylene). They have a reinforcing of polyester fabric with outstanding heat and waterproofing characteristics and possess notable durability complying with ASTM D6222-98. Birla Opus Prime AP30 membrane finds widespread application in Inverted Roofs and Parapets, Bridges and Tunnels, Terraces and Balconies, Car Parking and Irrigation Canal Lining.





## PRODUCT FEATURES



### HIGH STRENGTH

Exceptional tensile strength, ensuring robust resistance against tearing and stretching



### EXCELLENT DURABILITY

Engineered for excellent durability demonstrates less than 1% water absorption and superior dimensional stability under testing conditions.



### EXCELLENT FLEXIBILITY

The membrane maintains exceptional flexibility, showing no cracks at 0°C, ideal for accommodating structural movements.



### HIGH TEMPERATURE RESISTANCE

With a softening point of 150±5°C and no flow at 120°C. It is highly resistant to high temperatures.

## PRODUCT DETAILS

### PACKAGING

Roll Length	10m
Roll Width	1m

### REINFORCING

**POLYESTER FABRIC**

### APPEARANCE / COLOUR

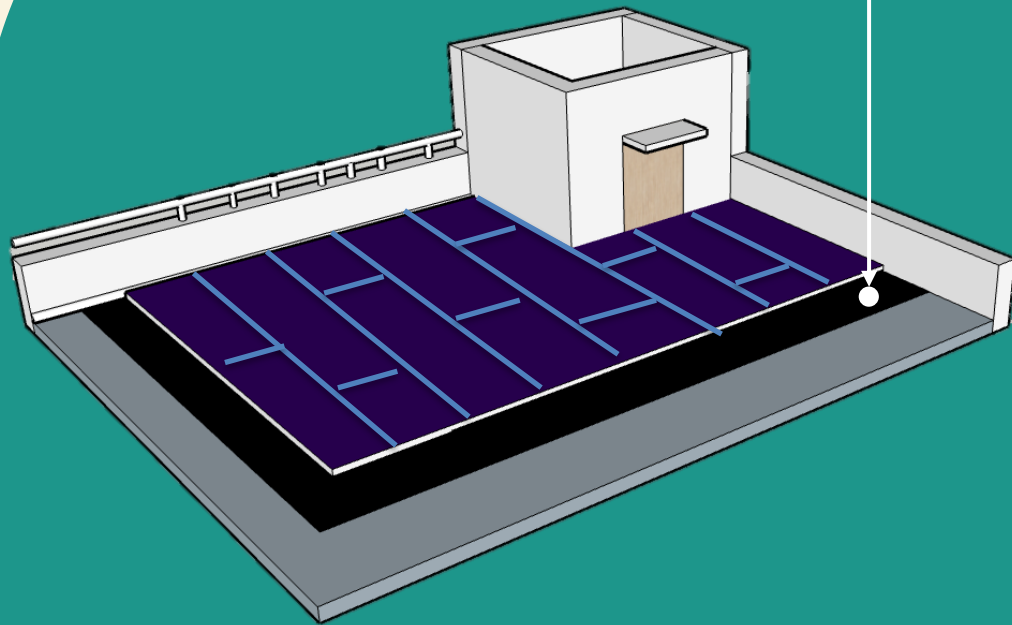
**BLACK**

### SHELF LIFE



**12 months**  
from the date of  
manufacture

APS1 Bitumen Primer



## WATERPROOFING – APS1

### Solvent Based Bitumen Primer

Bitumen Primer APS1 is a top-notch, low-viscosity, solvent-based bitumen primer known for its quick drying properties. It serves as a primer coat on concrete and masonry surfaces, enhancing the adhesion of bitumen-based coatings and membranes. Bitumen Primer APS1 effortlessly penetrates concrete pores due to its low viscosity, fostering better adhesion between the concrete surface and the membrane. Moreover, it acts as a binder for dust particles present on the concrete surface, ensuring improved adhesion even after cleaning.

## PRODUCT FEATURES



### HIGH STRENGTH

Maximizes structural integrity and durability of applied surfaces.



### COLD APPLIED, NO HEATING REQUIRED

Simplifies application by eliminating the need for heat, enabling direct use at normal temperature.



### ENHANCES ADHESION

Promotes superior bonding between bituminous waterproofing membranes and varied substrates.



### ANTI-CORROSIVE

Protects surfaces against corrosion, enhancing longevity in diverse environments.

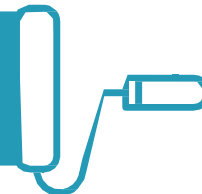
## PRODUCT DETAILS

### PACKAGING

**20 L**

### COVERAGE

**4-6 m<sup>2</sup> / ltr per coat\*\***



### APPEARANCE / COLOUR

**LIQUID / BLACK**

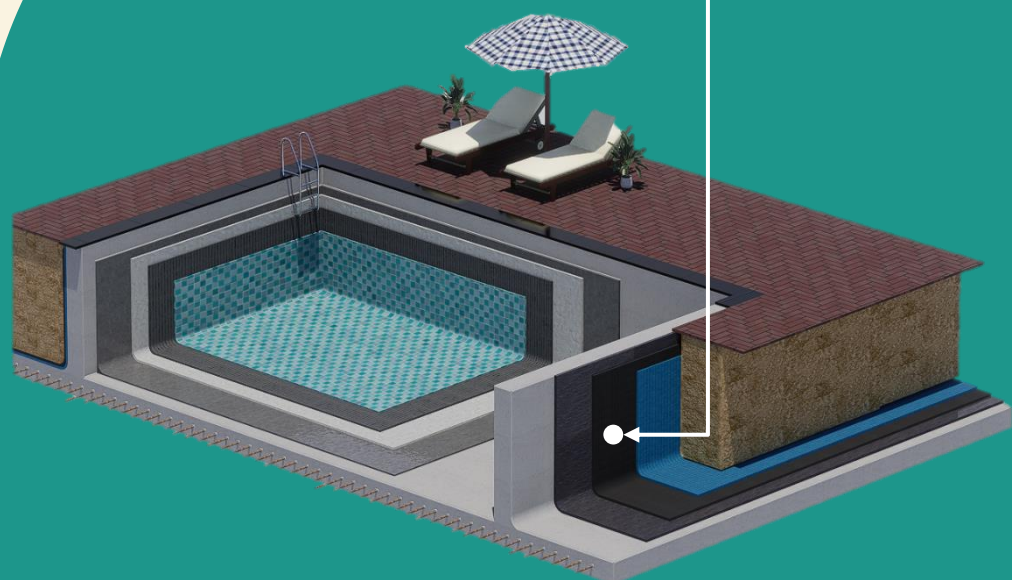
### SHELF LIFE



**12 months**  
from the date of  
manufacture

\*\*Actual coverage may vary from the quoted coverage due to factors such as method and condition of application and surface roughness and porosity. One should ensure coverage is not higher than the one prescribed above for optimal performance.

### SB15 Membrane

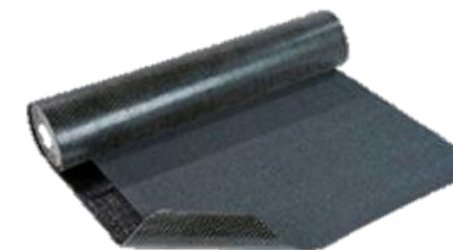


## WATERPROOFING – SB15

### SBS Modified Cross Laminated HDPE Liner – 1.5mm Thick

Birla Opus Prime SB15 is a self-adhesive cold applied waterproofing membrane with SBS polymer modification, utilizing a tropical-grade polymer-modified bitumen. This bitumen compound is laminated onto a non-perforated, impervious, cross-laminated HDPE Liner. Birla Opus Prime SB15 meets the standards outlined in BS- 8102





## PRODUCT FEATURES



### HIGH TENSILE STRENGTH

Delivers robust resistance to stretching and breaking, ensuring structural integrity under tension



### EXCELLENT DURABILITY

Provides long-lasting protection and performance, withstanding harsh conditions over extended periods



### HIGH COLD FLEXIBILITY

Maintains flexibility and performance even in extremely low temperatures, preventing cracks and damage



### EXCELLENT TEAR RESISTANCE

Offers superior resistance to tearing, enhancing durability in high-stress environments

## PRODUCT DETAILS

### PACKAGING

Roll Length	10m
Roll Width	1m

### REINFORCING

**Cross Laminated HDPE  
Liner**

### APPEARANCE / COLOUR

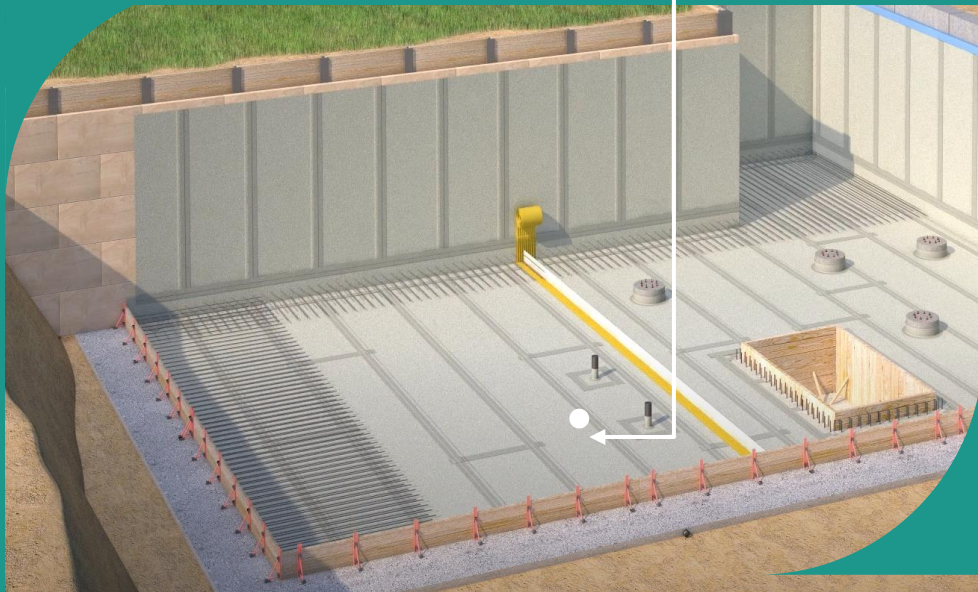
**BLACK**

### SHELF LIFE



**12 months**  
from the date of  
manufacture

### HP12 – Plain Finish



## WATERPROOFING – HP12

**Pre-applied fully bonded HDPE membrane  
– 1.2mm Thick – Plain Finish**

Birla Opus Prime HP12 HDPE Pre-applied Fully Bonded Membrane represents an innovative waterproofing solution crafted from high-density polyethylene (HDPE). This membrane comes with a pre-applied fully-formed adhesive layer and release liner on one side. Specifically designed for below-ground applications. It offers chemical and physical protection against water and water vapor, serving to safeguard structures for long period of time. The membrane is formulated with a specialized pressure sensitive adhesive which adheres to poured concrete, facilitating convenient application for rafts, retaining walls and underground structures.



## PRODUCT FEATURES



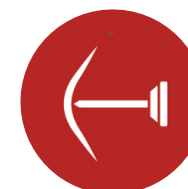
### STRONG ADHESION TO CONCRETE

Delivers robust resistance to stretching and breaking, ensuring structural integrity under tension



### CONSISTENT THICKNESS

Consistent Thickness for Reliable Performance



### HIGH COLD FLEXIBILITY

Maintains flexibility and performance even in extremely low temperatures, preventing cracks and damage



### EXCELLENT TEAR RESISTANCE

Offers superior resistance to tearing, enhancing durability in high-stress environments

## PRODUCT DETAILS

### PACKAGING

Roll Length	20m
Roll Width	1.2m

### REINFORCING

HDPE membrane with adhesive layer at one side covered with engineered sand finish

### APPEARANCE / COLOUR

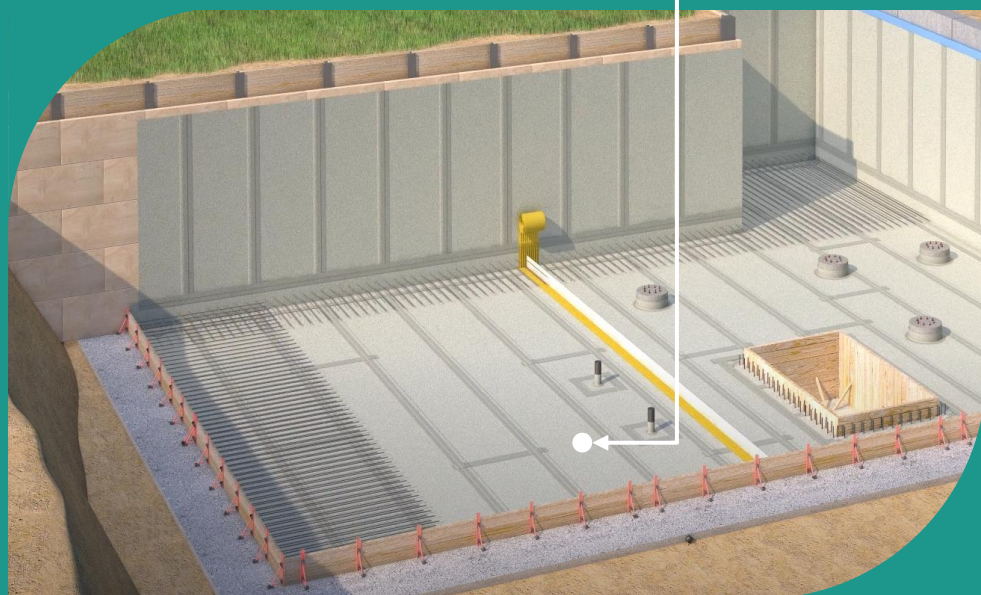
**White / Off-White**

### SHELF LIFE



**12 months**  
from the date of manufacture

**HS12 – Sand Finish**



## **WATERPROOFING – HS12**

### **Pre-applied Fully Bonded HDPE Membrane – 1.2mm Thick – Sand Finish**

Birla Opus Prime HS12 HDPE Pre-applied Fully Bonded Membrane represents an innovative waterproofing solution crafted from high-density polyethylene (HDPE). This membrane comes with a pre-applied fully-formed adhesive layer and release liner on one side. Specifically designed for below-ground applications. It offers chemical and physical protection against water and water vapor, serving to safeguard structures for long period of time. The membrane is formulated with a specialized pressure sensitive adhesive which adheres to poured concrete, facilitating convenient application for rafts, retaining walls and underground structures.





## PRODUCT FEATURES



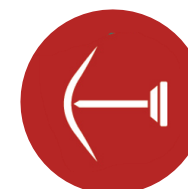
### STRONG ADHESION TO CONCRETE

Delivers robust resistance to stretching and breaking, ensuring structural integrity under tension



### EXCELLENT DURABILITY

Provides long-lasting protection and performance, withstanding harsh conditions over extended periods



### HIGH COLD FLEXIBILITY

Maintains flexibility and performance even in extremely low temperatures, preventing cracks and damage



### EXCELLENT TEAR RESISTANCE

Offers superior resistance to tearing, enhancing durability in high-stress environments

## PRODUCT DETAILS

### PACKAGING

Roll Length	20m
Roll Width	1.2m

### REINFORCING

**HDPE sheet membrane  
with adhesive layer at one  
side covered with liner**

### APPEARANCE / COLOUR

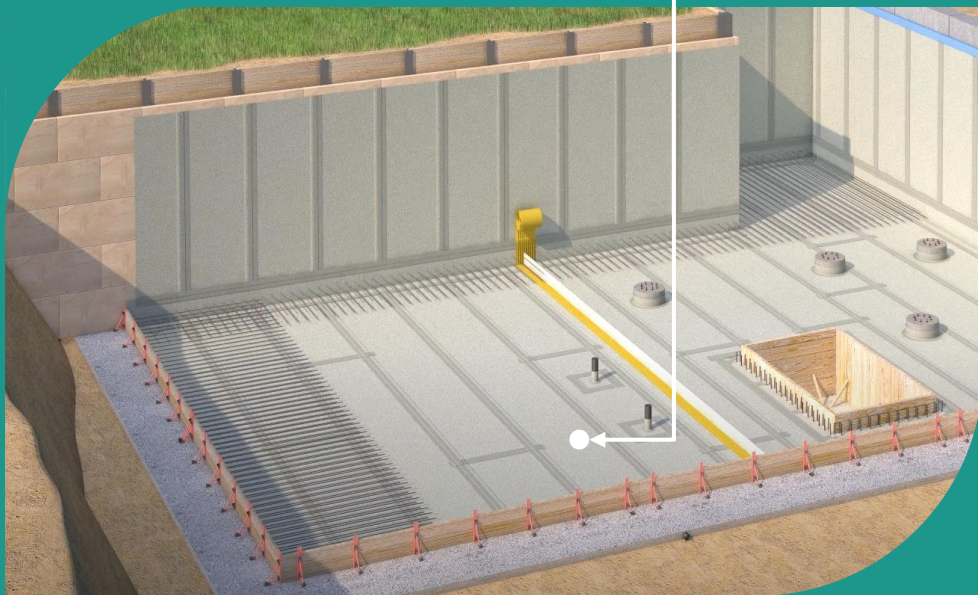
**White / Off-White**

### SHELF LIFE



**12 months**  
from the date of  
manufacture

**HW15 - Weldable**



## **WATERPROOFING – HW15**

**Pre-applied Fully Bonded HDPE Membrane  
– 1.5mm Thick – Sand Finish – Weldable**

Birla Opus Prime HW15 are pre-formed HDPE fully bonded weldable membranes consisting of a thick HDPE film, pressure-sensitive adhesive and weather-resistant protective coating. These membranes adhere to wet concrete poured onto them, creating a superior seal that efficiently halts lateral water movement. As a result, they prevent water from infiltrating the structure and prevent the tracking of water between the membrane and structure. Reinforcement can be placed directly on top of the membrane.



## PRODUCT FEATURES



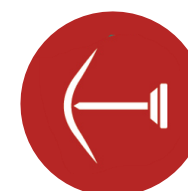
### STRONG ADHESION TO CONCRETE

Delivers robust resistance to stretching and breaking, ensuring structural integrity under tension



### EXCELLENT DURABILITY

Provides long-lasting protection and performance, withstanding harsh conditions over extended periods



### HIGH COLD FLEXIBILITY

Maintains flexibility and performance even in extremely low temperatures, preventing cracks and damage



### HEAT WELDED FOR LEAK-PROOF JOINT

Ensures each connection is tightly sealed to prevent any leaks, providing a barrier against water intrusion

## PRODUCT DETAILS

### PACKAGING

Roll Length	20m
Roll Width	2.4m

### REINFORCING

**HDPE sheet membrane with adhesive layer and sand topping**

### APPEARANCE / COLOUR

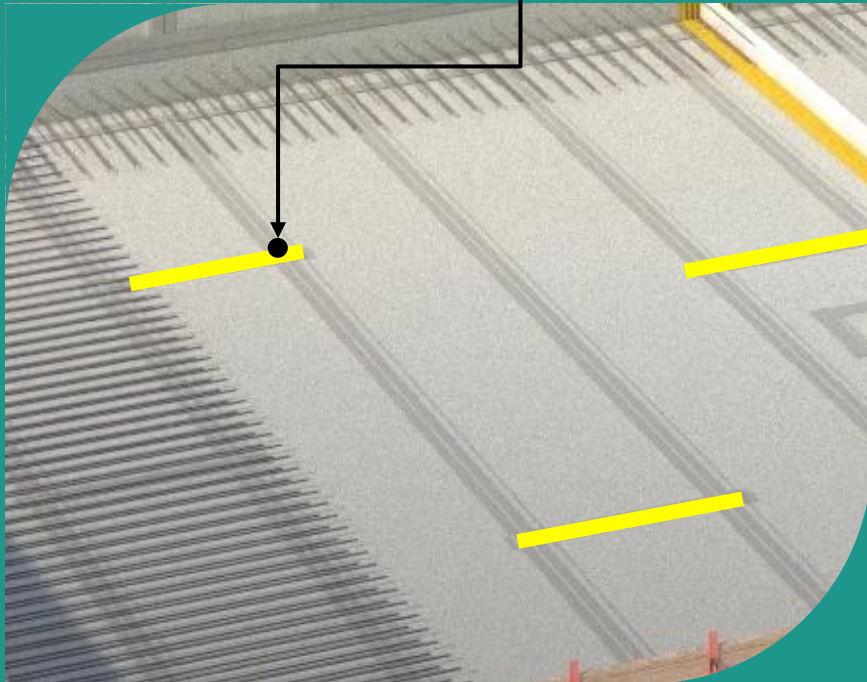
**White / Off-White**

### SHELF LIFE



**12 months**  
from the date of manufacture

**HT30 Double-sided Tape**



## **WATERPROOFING – HT30**

### **HDPE Double-sided Self Adhesive Tape**

Birla Opus Prime HT30 HDPE Double-sided Self Adhesive Tape is applied at ambient temperature, featuring pressure-sensitive adhesive and has release liners on both sides. It offers excellent adhesion to Birla Opus Prime HS12 / HP12 / HW15 Pre-applied HDPE waterproofing membranes and concrete surfaces.





## PRODUCT FEATURES



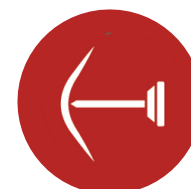
### STRONG ADHESION TO CONCRETE

Delivers robust resistance to stretching and breaking, ensuring structural integrity under tension



### EXCELLENT DURABILITY

Provides long-lasting protection and performance, withstanding harsh conditions over extended periods



### HIGH COLD FLEXIBILITY

Maintains flexibility and performance even in extremely low temperatures, preventing cracks and damage



### EXCELLENT TEAR RESISTANCE

Offers superior resistance to tearing, enhancing durability in high-stress environments

## PRODUCT DETAILS

### PACKAGING

Roll Length	30m
Roll Width	100mm

### REINFORCING

Standard roll with liner on both side

### APPEARANCE / COLOUR

**White Liner /  
Opaque Layer Inside**

### SHELF LIFE



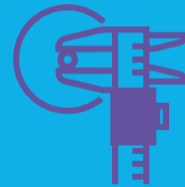
**12 months**  
from the date of  
manufacture

## YOUR NEEDS, OUR PRIORITY

**Technical  
Inspection**



**Execution  
Support**



**Experienced  
Panel of  
Applicators**



**Large Dedicated  
Network of  
Experienced Team**



**Wide Product  
Portfolio For  
Every Surface**



**Best-In-Class  
Warranty**

