



Product Code 918130

# 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.

### PRODUCT FEATURES



#### HYDROSTATIC PRESSURE

Safeguards against positive hydrostatic pressure of up to **5 Bar\***.



#### EXCELLENT CRACK BRIDGING ABILITY

Highly elastomeric coating provides crack bridging of **upto 1 mm** on horizontal surfaces.



#### EXCELLENT ADHESION

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



#### EXCELLENT FLEXIBILITY

Offers elongation **upto 170% on horizontal surfaces** and **upto 100% on vertical surfaces\*** preventing cracks.



#### WARRANTY\*

**Up to 5-year** waterproofing system warranty on horizontal and vertical applications.

\*T&C apply. For more details, please refer to the product warranty document.

### PRODUCT DETAILS

#### AVAILABLE PACKS



#### COVERAGE

**For Horizontal Surfaces –**  
15 sq.ft./L for 3 coats\*\*

**For Vertical Surfaces –**  
Fresh Painting – 45 sq.ft/L for 2 coats\*\*  
Repainting – 45 sq.ft/L for 1 coat\*\*

\*\*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

**WHITE**

#### SHELF LIFE



**36 months**  
from the date  
of manufacture

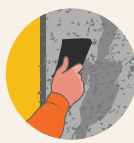
### DIRECTIONS FOR USE

#### PRE PAINTING STEPS



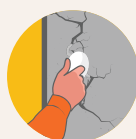
#### 1. Plaster

It is essential to let new masonry surfaces fully cure. The suggested curing duration is 28 days, during which daily water curing is recommended for optimal results.



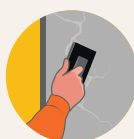
#### 2. Cleaning

Ensure the surface is devoid of loose paint, dust, or grease. Eliminate any fungus, algae, or moss growth through wire brushing and water. In case of chalkiness on the underlying surface, perform water curing and subsequently apply a coat of Birla Opus Alldry Salt Seal prior to the topcoat application.



#### 3. Crack filling

To fill cracks up to 5mm in width and 3mm in depth, use Birla Opus crack fill solutions. Bigger cracks, damaged or hollow portions, etc. must be repaired with a polymer-modified mortar.



#### 4. Covering of holes and dents

For addressing small dents and holes, utilise cement wall putty or a blend of white cement and fine sand in a 1:3 ratio.

**Special Instructions for Exterior** If exterior surfaces face persistent seepage or dampness, investigate and arrest the source of leakage or seepage, let the surface dry and then apply Birla Opus Prime waterproof coatings. Ensure we provide slope to horizontal surfaces and proper drain to avoid any stagnant water accumulation.

\*Based on lab tests



ADITYA BIRLA

PAINTS

## PAINTING APPLICATION PROCESS



### 1. Surface Preparation

Newly plastered surfaces must undergo complete curing. Ensure thorough filling of any spot with putty, crack filler, etc. and achieve a uniform surface across the entire wall.



### 2. Waterproof Coating Application

Dilute 1 litre of B30 Exterior Waterproof Coating with 100-120 ml of water and apply one coat. Allow it to dry for 4-6 hours. Apply another coat of undiluted B30 Exterior Waterproof Coating and dry for 4-6 hours.



### 3. Topcoat Application

**Horizontal Surfaces:** Apply additional coat of undiluted B30 Waterproof Coating in perpendicular direction. Allow it to dry for 4-6 hours. **Vertical Surfaces:** Apply Texture (optional) and 2-3 coats of Birla Opus Prime Exterior topcoat with a gap of 4-6 hours after each coat.

### Repainting Application

**For Both Vertical and Horizontal Surface –** Apply one undiluted coat on the treated surface. In case of smooth surface plaster, apply 1 coat with 10% dilution and another undiluted coat to achieve forced coverage

## POST PAINTING CARE

1

For the best paint performance, regularly wash and clean surfaces to remove dust, stagnant materials, and any algae or fungus growth, preferably every six months.

2

Thoroughly clean horizontal surfaces to enhance durability.

3

Ensure there is no stagnant water at any point on any surface.

## PRECAUTIONS

- For extremely rough surfaces: Application by brush is recommended to ensure all the grooves are covered well.
- Coating will not cover existing cracks, proper care to be taken to ensure the cracks are filled first and then coating is applied.
- The surface should be in Surface Saturated Dry (SSD) before application of coating.
- Do not apply when the ambient temperature is less than 10°C or above 45°C or if the temperature might drop to this level within 4 hours of application.
- For surfaces with heavy algal infestation, proper cleaning is mandated. If a bleaching solution is used to disinfect the algae, ensure proper cleaning of the bleaching solution with water.

## SAFETY ASPECTS

- For detailed safety instructions on paint handling, refer to the Material Safety Data Sheet (MSDS) which is available upon request.
- The container should be stored in upright position in a cool and dry place which is shaded from sunlight. Ensure the lid is tightly closed when not in use.
- Avoid contact with food items and keep away from children.
- Caution : Swallowing may cause harm. Seek immediate medical attention if it occurs.
- Use eye protection while applying. If eye contact occurs, rinse thoroughly and seek medical guidance.
- If skin comes into contact, wash immediately with soap and abundant water. If irritation persists, seek medical attention.
- Avoid inhaling vapor or spray. Use a nose pad during sanding and surface preparation to avoid dust exposure.
- Dispose off unused paint responsibly. Avoid pouring it into drains or water bodies.
- If spill occurs, use sand or soil to contain it.
- No added lead, mercury or chromium compounds.

## TECHNICAL INFORMATION

Appearance	Viscous liquid
Color	White
% Elongation	Upto 170% on horizontal surfaces and upto 100% on vertical surfaces
Tensile Strength	Upto 2.5mpa
Resistance to Positive hydrostatic pressure	Up to 5 bar passes pressure
Specific Gravity	1.3 +- 0.04 g/cc
Solids by wt, %.	54-60

Version No. B30-1002/05/2024 For more details, kindly contact customer care at 18001201234 or visit [www.birlaopusprime.com](http://www.birlaopusprime.com). Kindly note that this datasheet supersedes all preceding versions.

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