

PRODUCT CODE: 919004

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. Its offers excellent adhesion to Birla Opus Prime HS12 / HP12 / HW15 Pre-applied HDPE waterproofing membranes and concrete surfaces.

PRODUCT DETAILS

APPEARANCE / COLOUR

**White Liner / Opaque Layer
Inside**

SHELF LIFE

12 months*

*Avoid exposure to direct sunlight, UV radiation, and other heat sources.

PACKAGING

Roll Length	30m
Roll Width	100mm

CHEMICAL BASE

Standard roll with liner on both sides

PRODUCT DETAILS

COMPATIBLE PRODUCTS WITH HT30 HDPE DOUBLE-SIDED SELF ADHESIVE TAPE

- **Birla opus Prime HP12 Pre-applied fully bonded HDPE membrane – Plain Finish**
- **Birla opus Prime HS12 Pre-applied fully bonded HDPE membrane – Sand Finish**
- **Birla opus Prime HW15 Pre-applied fully bonded HDPE membrane – Sand Finish – Weldable**

TECHNICAL INFORMATION

Properties	Standard Values
Flexibility at lower temperatures, -25 °C	No Cracking
Peel adhesion Strength, with HDPE membrane, N/m	1300

APPLICATION INSTRUCTIONS

Birla Opus Prime HT30 HDPE Double-sided Self Adhesive Tape is used to connect the end laps of HDPE waterproofing membranes and to overlap the membranes after cutting at the site.

A. Side or end lapping:

1. Position and lay Birla Opus Prime HS12 / HP12 / HW15 Pre-applied HDPE membranes.
2. After laying the Birla Opus Prime HDPE membrane, at end lap remove the sand and adhesive (for sand finish membrane) using hot air shovel gun for required 100 mm width. For Birla Opus Prime HP12 – Plain Finish membrane, scraping is not necessary at end laps.
3. Unroll Birla Opus Prime HT30 HDPE Double-sided Self Adhesive Tape, remove the release film from one side of the tape and adhere to the end lap of the membrane. Use a pressure roller to maximize adhesion.
4. Then remove the release film from the second side of the tape and overlap with the second membrane. Once again, use a pressure roller to maximize adhesion.

B. Detailing / Patchwork:

1. After laying Birla Opus Prime HS12 / HP12 / HW15 Pre-applied HDPE membranes, at detailing area remove the sand (for sand finish membrane) using hot air shovel gun for required width. For plain finish membranes scraping is not necessary.
2. Cut tape to required dimension.
3. Unroll Birla Opus Prime HT30 HDPE Double-sided Self Adhesive Tape, remove the release film from one side of the tape and adhere to patch zone of membrane. Use a pressure roller to maximize adhesion.
4. Then remove the release film from the second side of the tape and overlap with a piece of membrane of same dimension as tape. Once again, use a pressure roller to maximize adhesion.

SAFETY & PRECAUTIONS

1. Ensure application by trained and authorized personnel.
2. Covering the membrane system: Shielding the membrane system from prolonged exposure to UV light is essential as it can diminish its effectiveness.
3. Achieving the best possible bond between the membrane system and concrete necessitates proper concrete installation, encompassing both mix design and workmanship.
4. Examination and quality assurance during installation: Prior to concrete placement, a thorough examination must be conducted to verify the correct installation of the entire membrane system, address any damages, rectification of punctures observed (if any) before bar-bending activities. Ensure cleanliness of the adhesive layer surface.
5. Adhere closely to installation protocols outlined in method statements, application guides, and operational directives, ensuring adaptation to always prevailing site conditions.
6. Kindly refer to the MSDS, which gives detailed information on safety measures while handling, which is available on request.