

POLYALK WPB

POLYMER MODIFIED BITUMINOUS COATING

DESCRIPTION

POLYALK WPB is an elastomeric polymer modified bituminous solution for foundations containing anti-stripping agents suitable for brushing and designed to seal porous surfaces. When dry it forms a blackish brown coating.

ADVANTAGES

- Economical water barrier with good chemical resistance, adhesion and moisture compatibility.
- Ready to use – requires no heating or thinning.
- Not affected by alkalis or organic matter in soils.
- Unaffected by temperature changes.
- No sagging or flowing on vertical surfaces.

PROPERTIES

Appearance	: Brown coloured emulsion
Sp. Gravity at 30°C	: 1.00 ±0.05
Viscosity at 30°C (By Ford Cup NoB4)	: 15 ±0.05 seconds
pH	: 8.00 to 9.5
Solids	: 25 ±3%

APPLICATIONS

- Splash zones of bridges and marine structures
- Cooling Towers walls.
- Used as a foundation coating for below grade structural foundation walls, floor walls, slabs, ramp retaining walls, silos, copings, cornices.
- Resist low concentrations of acids & alkalis & also prolonged oxidation.
- Providing protective coating for concrete structures, stone, brick, iron and steel, asbestos cement, concrete screeds and sand cement surfaces.
- Protection of underground foundations of civil structures etc. from the attack of dissolved ions like chlorides, sulphates, etc.

COVERAGE

- 4 M² / Kg / coat (100 micron DFT).

- Coverage may vary depending upon the nature of the surface.

INSTRUCTION FOR USE

- Surface preparation is of great importance and will influence the degree of adhesion obtained and the life of the coating.
- Repair and make good any faulty concrete in the form of cracks, honey combing, etc.
- Remove laitance, dirt, paint, loose flakes or particles or other foreign matter etc. using a vacuum cleaner or high pressure water jet or wet sandblasting or wire brushing.
- Ensure that the concrete surface possesses an open surface texture.
- Mix POLYALK WPB using a low– speed stirrer to a form a lump-free consistency may also be adequate. Keep the mix continuously stirred.
- Apply first coat as a primer coat by brush to the damp surface.
- Allow it to dry completely.
- This should be followed by application of two additional coats of POLYALK WPB in a continuous unbroken film free from pinholes at 6-7 hour intervals.
- Ensure that all the grooves and joints are entirely coated.
- Allow to air cure for 24-48 hours until completely dry.
- POLYALK WPB is to be applied cold by brush.
- Slight dampness of surface can be tolerated due to moisture compatibility of the coating.
- Do not apply under rainy or frosty conditions.

STORAGE AND SHELF LIFE

- 12 months when stored in cool dry place; away from direct sunlight in their original sealed packing.

PACKING

- 20, 200 kg HDPE containers.

HAZARDS IDENTIFICATION

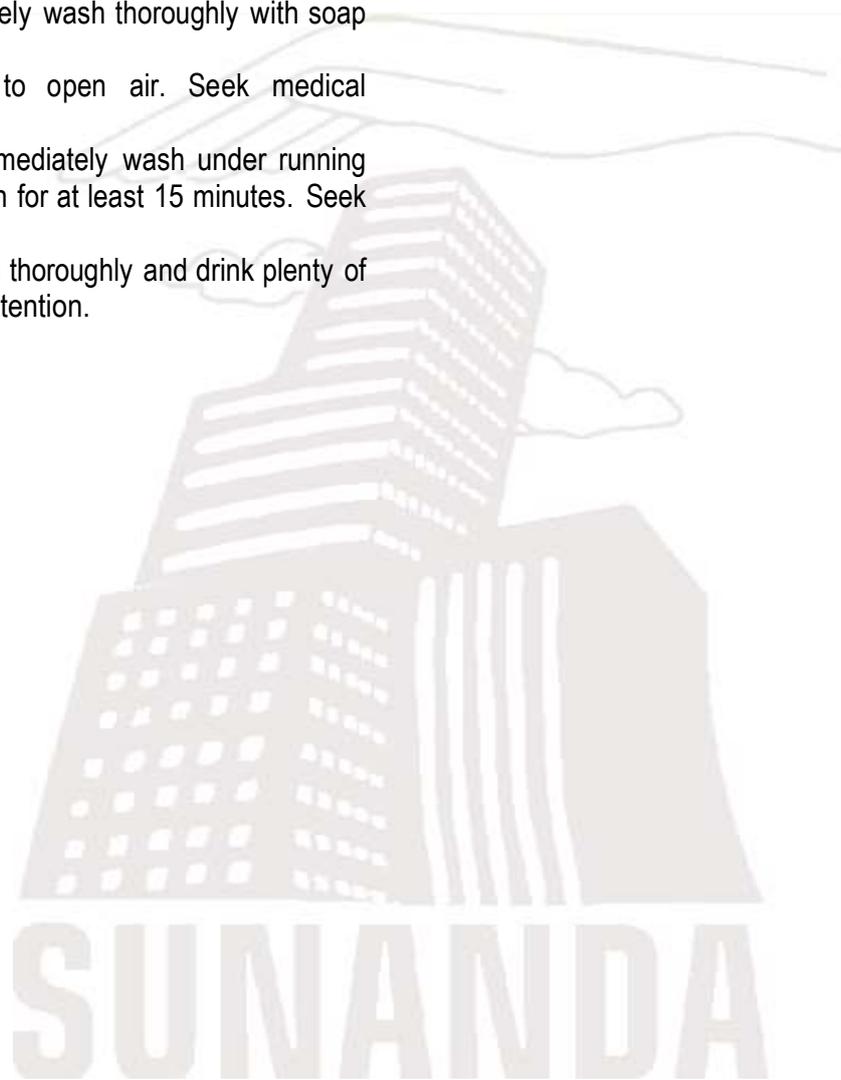
- Health hazards: No particular hazard known. If the product spills on to the skin and dries up, some irritation may occur.

FIRST AID MEASURES

- Skin contact: Immediately wash thoroughly with soap and water.
- Inhalation: Remove to open air. Seek medical attention.
- Contact with eyes: Immediately wash under running water with eyelids open for at least 15 minutes. Seek medical attention.
- Ingestion: Rinse mouth thoroughly and drink plenty of water. Seek medical attention.

ACCIDENTAL RELEASE MEASURES

- Environment Care: Clean small spillages immediately with water. Contain large spillages with suitable absorbent materials. Dispose the waste water/absorbent material in accordance with local regulations.



DISCLAIMER

The product information and application detail given by Sunanda Speciality Coatings Pvt. Ltd. (SSCPL) are based on current experience and knowledge, which meant to provide general guideline during usage. The user is responsible for checking the suitability of products for their intended use. SSCPL reserves the right to change the specification of its products. SSCPL endeavor to ensure that advice, specifications, recommendations and information given is accurate and correct, we cannot have control over how our products are applied and will not accept liability, directly or indirectly, arising from application of our materials