

## POLYALK WP

### Polymeric Waterproofing Coating

#### DESCRIPTION

**POLYALK WP** is a most effective and proven polymeric waterproofing solution.

- Can be mixed with any cement based paint and can thus have any desired colour shade.

#### USES

- Roof slabs – flat or sloping, chajjas, folded plate roofs, vaulted roofs, domes etc.
- Flooring, external walls.
- Sunk portion of bathrooms, toilets, balconies, etc.
- Overhead or underground water tanks and other large reservoirs.
- Mortars for filling joints of C.I. or any other drainage pipes.
- As an admixture for providing waterproof plaster to external walls especially in high rise buildings.
- As waterproof additive to any cement based paints used as a finishing coat.

- Can be used as a base waterproofing coat. After curing, it can receive **Sunext-8**

#### PHYSICAL AND CHEMICAL PROPERTIES

Result of test conducted as per **DIN 1048** on a concrete cube coated with **POLYALK WP** cement slurry.

Test Pressure	Duration of Test	Permeability Single Coat	Permeability Two Coats
1 bar	48 hrs	35 mm	0 mm
3 bars	24 hrs	35 mm	0 mm
7 bars	24 hrs	48 mm	0 mm

#### ADVANTAGES

- Can be easily mixed with cement forming an impermeable co-matrix film.
- High flexural strength and extraordinary adhesion of polymer reinforces the high compressive strength property of cementitious matrix.
- Alkaline and compatible with concrete.
- Does not facilitate carbonation.
- Can be applied in moist conditions e.g: exteriors, terraces and chajjas in wet spells of monsoon, underground and/ or overhead water tanks almost immediately after emptying.

#### INSTRUCTIONS FOR USE

- Preparation of the surface to be waterproofed is very important.
- Repair and make good any faulty concrete in the form of cracks, honey combing etc mortar.
- Cure the repaired cracks as per the usual norms.
- Remove all curing compounds and sealers.
- Scrub and clean the surface.
- 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.
- Fill hairline cracks with POLYFILL AR, large cracks with POLYALK EP



# SUNANDA

SPECIALITY COATINGS PVT.LTD  
AN ISO 9001:2008 COMPANY

- Moisten the surface with water jet 24 hours prior to the application of POLYALK WP.
- Mix 1 part of POLYALK WP and 1.25 parts fresh white or grey cement by weight using a low-speed stirrer, to form a slurry.
- Continuous hand-mixing to a lump-free consistency may also be adequate.
- Keep the mix continuously stirred.
- Apply the slurry by brush to the damp surface.
- Apply two more coats of similar slurry at 24 hrs intervals.
- Allow to set for 48 hours.
- Cure the coating for 7 days by sprinkling water three times a day on the vertical surface (external walls) and using moist gunny bags on the horizontal surface (terraces).
- For best results, it is necessary to sandwich the cured coating of POLYALK WP with a screed layer.

## CONFORMANCE

- Confirms to flexibility and adhesion test as per **I.S. 101**.

## COVERAGE

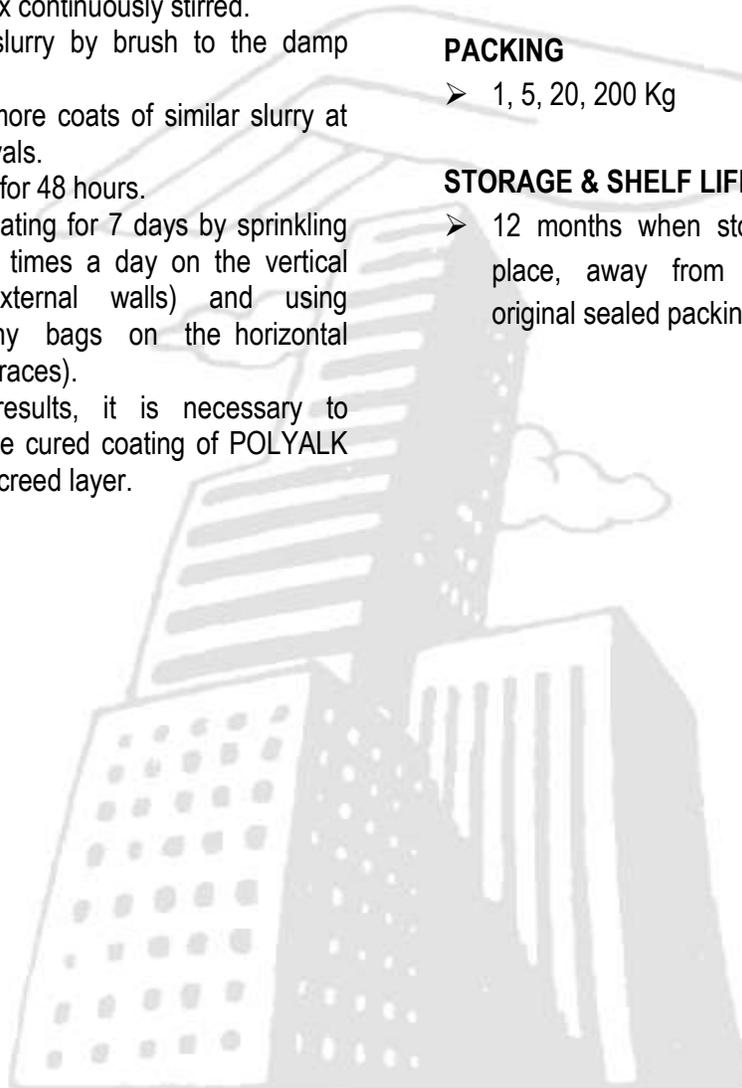
- Approximately 5-5.5 M<sup>2</sup>/ Kg per coat depending on the nature of the surface.

## PACKING

- 1, 5, 20, 200 Kg

## STORAGE & SHELF LIFE

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



### DISCLAIMER

This information is accurate and reliable to the best of the knowledge. It is meant as a guideline only. Sunanda Speciality Coatings Pvt. Ltd. (SSCPL) cannot give any guarantees under any circumstances for the results, or assume any obligation or liability in connection with the use of this information. It is recommended that the product be tested to determine its suitability for specific applications. Since, SSCPL has no control over how others may use its products; it is recommended that the Specifier, Architect, Engineer, Contractor and Owner assume all the responsibilities in connection therewith.