



ALCIBAY INDIA[®]

AQUASOL - WP

JAPANESE WATERPROOFING TECHNOLOGY

Technical Data Sheet

Product Description:

Polymeric waterproofing solution. AQUASOL WP is specially formulated using selected surface-active plasticizing agents, chemicals and additives for cement concrete, mortar and plasters. It makes concrete cohesive, prevents segregation and reduces water permeability.

Product Features

- Better Compatibility: Easily dispersible and compatible with concrete/mortar mixes
- Permeability: It reduces the permeability of water into concrete and so improves waterproofing and increases
- Workability: Improves workability of freshly mixed cement concrete
- Compressive Strength: The setting time and compressive strength of the concrete remains within the specification limits
- Resists corrosion: Protects reinforced steel against corrosion Shrinkage: Reduces shrinkage crack development in plaster and concrete

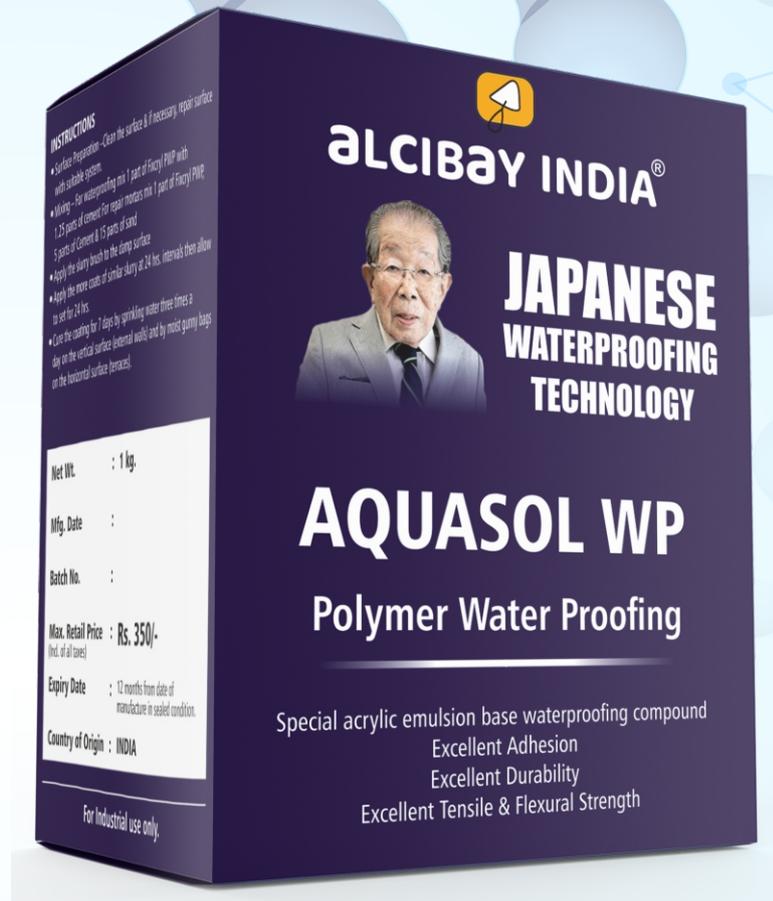
Application Area:

Waterproofing of concrete and sand-cement mortars used in

- Basements
- Roof slabs and screeds
- Water tanks and water retaining structures
- External plastering
- Bathrooms and balconies

Technical Details

| Properties | Result |
|----------------------------|---------------------|
| Appearance | Free flowing liquid |
| Colour | Yellow |
| Sp. gr. @ 25 ° C | 1.00 (+/- 0.1) |
| Nonvolatile content | 13 (+/-1) % |
| pH value | 8 to 10 |
| Setting time, minutes | 30 - 600 min. |
| Water Permeability | Passes |
| Compressive Strength N/mm2 | As per the standard |



Method of Mixing:

- Preparation of the surface to be water proofed 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 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 & large cracks with AQUASOL WP Cleaning: Moisten the surface with water jet 24 hours prior to the application of Fixcryl WP
- Mix 1 part of AQUASOL 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 bag on the horizontal surface
- For best results, it is necessary to sandwich the layer

Safety and Environment

Health and safety: wear appropriate attire especially gloves, mask and eye protection while application In case of eye contact rinse immediately with water and seek immediate medical treatment

Cleaning: Wash all tools with clean water immediately after application

Storage Condition: Suggested to store in a cool, dry and well ventilated place away from heat sources. Keep container tightly closed in secure upright position.

Do not store near need drinks or animal feed. Keep out of reach of Children

Shelf Life: 1 Year from the date of manufacture in original tightly closed container

Disclaimer

This information is accurate and reliable to the best of the knowledge. It is meant as a guideline only. Durga Enterprises cannot give any guarantees 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, Durga Enterprises 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.



ALCIBAY INDIA[®]