

Technical Data Sheet

Product Description:

AQUASOL - 2K is 2 parts polymer-modified flexible cementitious waterproofing membrane coating specially formulated for Concrete and Masonry Surface which is supplied in ready-mix kits (2 parts). When the dry part is mixed with acrylic-modified emulsion and applied according to direction, the cured.

AQUASOL - 2K will become a tough, flexible and seamless waterproof membrane and acts as an excellent water barrier to Concrete and Masonry Surface.

Applications -

- Concrete foundations, basements wall and lift pits.
- Swimming pools, water tanks and reservoirs
- Concealed roofs, parking decks, bathroom, toilet, kitchen, balconies and planters.
- Any other concrete, cement or masonry surface subject to damage from moisture.

Product Features

- Quick drying
- Easily applied by brush or trowel
- Flexible
- Excellent adhesion to concrete and masonry substrates
- Non toxic substances
- Environmentally friendly - free Volatile Organic Compound (VOC)
- Can be applied on damp surface.
- Excellent waterproofing property - No leakage up to 10 m. hydrostatic pressure.

Method of Application

1 Surface Preparation

- Allow new concrete and masonry substrate to fully cure prior application.
- All surfaces must be free from oil, grease, wax, dirt or any other form of foreign matter which might effect adhesion. Spalled Concrete must be sound before applied.
- Substrate should be reach a "Saturated Surface Dry" (SSD) condition (damp, without standing water)

2 Mixing

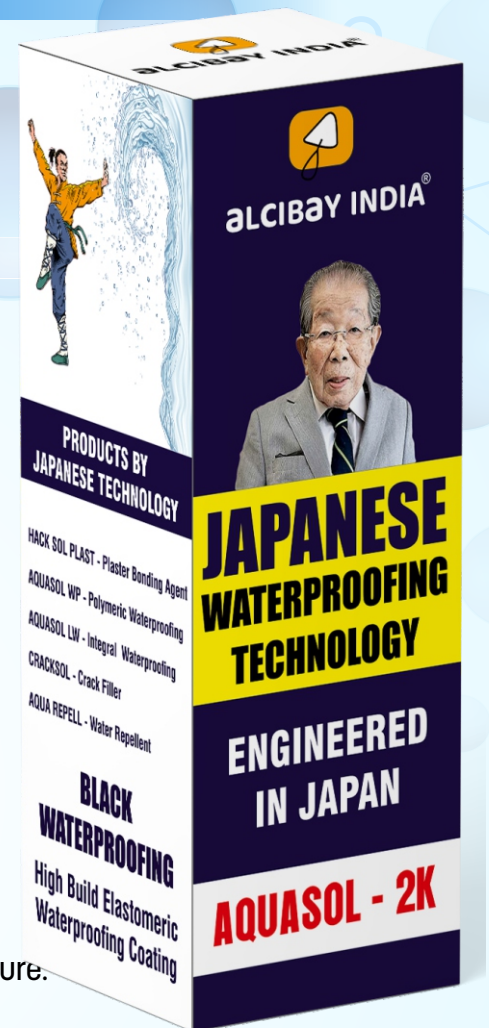
- Using Portland mechanical mixer, slowly add Powder part to Liquid part in a clean container until a smooth and homogenous slurry mixture is achieved.
- Allow the mixed slurry to stand for 5-10 minutes for releasing air-trapped during the mixing prior to application. Mixing material must be use within recommend pot life.

3 Applications

- AQUASOL - 2K slurry can be applied by brush or trowel. DO NOT dilute with water. Recommended coverage rate is approximately 1.1 kg./m²/coat for 0.8 mm. thick of wet film thick (minimum 2 coat.)
- Allow the slurry to cure for at least 1 hour before applying a second coat.

4 Curing

- For maximum protection, allow 12 to 24 hours curing time after the second coat.
- AQUASOL - 2K requires at least 7 days before filling spas, swimming pools and water tanks with water as well as mock-up or ponding tests on site" to 'requires at least 7 days before filling spas, swimming pools and water tanks with water as well as mock-up or ponding tests on site'



5 Cleaning

Dr. Fixit Pidifin 2K can be removed from tools and equipment immediately after use with clean water, only hardened material can removed mechanically.

Technical Information

Properties	Results
Mix Component	Mix Ratio 1 : 2 (A : B)
Polymer Content	> 18 %
Water Absorption	< 6%
Proprietary Polymer	High quality modified acrylic polymer
Set - to - touch time	45 min
Tensile Strength - as cast	2.5 N/mm ²
Elongation at Break - as cast	60 %
Adhesion to Substrate	0.80 N/mm ²
Adhesion to Concrete at 7 day	1.75 N/mm ²
Immersion in water Adhesion to Concreteat 7 day	1.00 N/mm ²
Crack Bridging	1 mm

Shelf Life

- 12 month storage in sealed container and room temperature

DISCLAIMER: The product information & application details given by the company & its agents has been provided in good faith & meant to serve only as a general guideline during usage. Users are advised to carry out tests & take trials to ensure on the suitability of products meeting their requirement prior to full scale usage of our products. Since the correct identification of the problems, quality of other materials used and the on-site workmanship are factors beyond our control, there are no expressed or implied guarantee / warranty as to the results obtained. The company does not assume any liability or consequential damage for unsatisfactory results, arising from the use of our products.

AQUASOL - 2K



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