



GLAZE PLUS

# Technical Data Sheet

## AQUA PROOF (WHITE)

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### DESCRIPTION

AQUA PROOF is modified acrylics (elastomeric), fiber reinforced single coat ready to use product with excellent mechanical strength, crack bridging. Upon Curing It forms a thick, seamless, durable film resulting good waterproofing system.

### AREA OF APPLICATION

- All types of Terraces – Flat and sloping / All type of roofs.
- Waterproofing for roofs ranging from asphalt, asbestos, cement to concrete and terrazzo tiles.
- Recommended for both horizontal and inclined structures.
- Waterproofing of roof slabs, terraces, balconies, sun shades, parapet walls, etc. Provides additional waterproofing and protection when used as base or intermediate coat in brickbat coba.
- For waterproofing of new as well as old surfaces.

### FEATURES & BENEFITS

**Film thickness** – Provides higher dry film thickness of 600-800 microns in 3 coat applications.

**Application advantage** - No need to remove existing plaster, concrete surface, sound brickbat coba etc. Can be applied by brush & roller easily.

**Strength** – Increase flexural & tensile strength and tear resistance strength.

**Durability** – High resistant to UV and withstand to various weather conditions including freeze-thaw damage.

**Resilience** – Forms highly elastic and resilient coating which helps to withstand the structural movements.

**Crack bridging** - Bridges cracks up to 2 mm width without additional work.

**Abrasion resistant** – No additional protective coating is required for roof used for the normal foot traffic.

**Toxicity** – It is non-toxic in nature. Environment friendly eco product. Excellent resistance to the growth of microorganisms. The coating performance can be enhanced for large roofs by using a fiber mesh between the two coats.

## PHYSICAL PROPERTIES

<b>Color</b>	White Liquid
<b>Form</b>	One Component
<b>Density</b>	1.10-1.30
<b>Solid Content (%)</b>	54.0-55.0
<b>Film Surface</b>	Non tacky and Water repellent
<b>pH</b>	7.5-9.5
<b>Brookfield viscosity (RVF 4/20)</b>	10000 - 12000 cps
<b>Sieve Analysis</b>	No Bits at 1000 µm
<b>% Elongation</b>	< 500%
<b>Emulsifying system</b>	Anionic-non-ionic
<b>Pack size</b>	1 kg, 4 kg, 20 kg

## METHOD OF APPLICATION

### 1 Surface Preparation

- New and existing concrete surface must be prepared thoroughly by cleaning, washing and removing dust, dirt, oil, grease and loose particles using wire brush or water pressure jet.
- In the existing old terraces with brickbat coba or screeds, check the soundness of the substrate. Hollow, or damaged portions, cracked edges etc. must be cut and removed till the mother slab. The slab should be recoated with slurry of using GP Alpha Premium SBR-150 and cement in 1:1 proportion.

### 2. Crack Filling

- Cracks of size up to 5mm should be filled by GP Aqua Crack Seal Paste. Seal the corners of roof and parapet wall properly.
- Cracks more than 5 mm should be filled by applying GP Alpha Premium SBR-150 modified mortar slurry using putty blade in proper way. Let it dry for 24 hrs.

### 3. Priming coat

- Prime the surface using a coat of GP Prime Sol in 2:1 ratio with water (i.e. 2 parts of Primer with 1 part of water) OR Use Aqua Proof as a self-priming by diluting it with water in 1:1 ratio.

### 4 Waterproof coating

- Stir well before use. Aqua Proof should be used directly from the container. Do not dilute the content with water or other products.
- Apply a layer of coats by brush or roller and let it dry for 6-8 hrs. After that apply second coat at right angles using brush or roller and allow it to dry for one day. Allow 7 days to cure the coating before ponding test.

- A high pressure water jet cleaning is recommended before applying AQUA PROOF. It should not be used directly on a highly water soaked surface; allow the surface to dry gently prior to the application. Recommended to apply initial coating (first layer) diluted with 10 % water after proper mixing or can use GP Primer compound first.

## 5. Precaution

- Never dilute coating with water for ease of application. Stir well before use.
- All corners, gaps, joints, protrusions & outlets shall be coated with two extra coats.
- Do not apply during raining or extreme temperatures.
- Ideal application temp. between 10°C to 45°C.
- Avoid abuses which may lead to puncturing of membrane.

## STORAGE

Store between temperatures of +5°C and 27°C. Keep containers closed when not in use.

## SHELF-LIFE

12 months from date of manufacturing provided stored under shade, away from direct heat and sunlight and well protected from freezing

## HEALTH AND SAFETY PRECAUTION

- **Skin Contact:** Wash skin with soap & water. Remove contaminated clothes.
- **On eye contact:** Immediately splash eyes with plenty of water. Consult Physician if irritation persists.
- **Ingestion:** Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician

**PACKAGING:** 1Kg, 4Kg and 20kg.

## TECHNICAL SUPPORT

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