



GLAZE PLUS

TECHNICAL DATA SHEET

GP-PRIME POL

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DESCRIPTION

GP-PRIME POL is a two component epoxy resin based waterproofing compound. One part consists of epoxy resin and the other part of curing agent. After mixing both the parts, it can be thinned down with water. It possesses all the attributes of normal solvent based epoxy compositions such as excellent water and chemical resistance, adhesion, hardness, toughness and mechanical strength. One of the major advantages of GP-PRIME POL over solvent based epoxy is that it can be applied on damp surface also. Being free from solvents, it does not pose any health hazard to the applicator. GP-PRIME POL is completely, consistent & economical to apply.

ADVANTAGES

- Water dilutable
- Being water based, it penetrates in concrete/plaster surface and seals the porosity and network of fine cracks.
- Reduces water permeability
- After curing it forms hard, tough and strong film.
- Bonds strongly on cement concrete/mortar, plaster, asbestos sheet etc.
- Excellent resistance to water, salt water, dilute acids, alkalis, soap water, and other chemicals
- Excellent resistance to positive (hydrostatic) water pressure
- Eco friendly & non-toxic in nature

APPLICATION

- Cement-concrete water storage tanks
- Damp walls (interior / exterior)
- As a primer before painting (interior / exterior)
- As an undercoat before applying Primer Coat on roof terrace and internal walls.
- Toilet and kitchen walls.
- Coating on walls of breweries & food processing industries.
- As a primer before application of coating in food & drug industries.
- As a putty with OPC-white cement to fill the fine cracks of external walls
- Hatcheries & aqua farms.

PROCESS PARAMETERS

Nature	W/W	Two Components
Application time (Pot life) at 30 °C	Hours	1 To 1 1/2
Drying Time at 30°C	Hours	5 TO 6
Surface dry	Minutes	50 TO 60
Hard dry	Hours	16 TO 18
Mixing ratio	W/W/W	Part 1: Part 2: Water (1:1:1)
Inter-coat period at 30°C	Hours	16 TO 18
Curing time at 30°C	Hours	24
Coverage	Sq.ft/Kg/Coat	70 - 80

DIRECTION FOR USE

Surface preparation is the first and the most important step before the application to get the results and to avoid failure. The substrate must be cleaned and free of dirt, paint, oil, grease, sludge, blistered & loose plaster, fungus & moss etc. by thorough wire brushing followed by sanding with emery paper is recommended. Remove the dust by compressed air or paint brush or wiping with water soaked cloth.

PRECAUTION

All previous coating should be completely removed before the application of GP-PRIME POL. When used on an exterior surface, it must be over coated by weather durable coatings. Avoid application before 100°C surface temperatures. At low temperature, drying and curing period will be prolonged. Before mixing both the parts mix them in individual containers.

PACKING: 1KG

STORAGE AND SHELF LIFE

18 months from date of mfg. when stored in a cool and dry place

TECHNICAL SUPPORT

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