



BIO GUARD

BioGuard is a specially engineered surface treatment formulated with low-toxicity biocides and advanced surfactant technology. It is designed for application on both exterior and interior wall surfaces prone to high humidity, effectively controlling the growth of algae, fungus, and microbial contaminants.

The formulation is non-metallic, free from formaldehyde, and biodegradable, making it environmentally responsible while ensuring safe usage in residential, commercial, and industrial environments.

BioGuard — Advanced Protection Against Moisture-Induced Biological Growth.

PRIMARY USE

- **BioGuard** is used for the removal and long-term prevention of bacteria, algae, moss, and mould growth on moisture-affected surfaces such as roofs, external and internal walls, boundary fences, facades, monuments, and other masonry substrates.

MERITS

- **Deep Penetration Action** – Advanced surfactant system ensures better penetration into pores, cracks, and crevices for thorough treatment.
- **Long-Lasting Protection** – Provides extended resistance against regrowth in high-humidity and damp conditions.
- **Low Toxicity Formula** – Designed for safer application in residential, commercial, and industrial environments.
- **Environmentally Responsible** – Biodegradable formulation with reduced environmental impact.
- **Versatile Application** – Suitable for roofs, walls, facades, monuments, fences, and other masonry or concrete substrates.
- **Improves Surface Appearance** – Restores original aesthetics by removing unsightly biological stains and discolourations.
- **Compatible with Recoating** – Prepares surfaces effectively before painting or waterproofing applications.
- **Easy Application** – Can be applied by brush, spray, or watering method with minimal equipment.

COMPATIBILITY

- **BioGuard** works efficiently with all grades of Portland cement and sulphate-resistant cement. For other special cement types, compatibility should be verified before use.

DIRECTION OF USE

Surface Preparation :

- Ensure the surface to be treated is completely dry before application.
- On vertical surfaces, apply BioGuard using a brush or low-pressure spray equipment.
- Work the material thoroughly into the substrate, paying special attention to cracks, joints, and crevices.
- On horizontal surfaces, BioGuard may also be applied using a watering can or suitable pouring method to ensure uniform coverage.
- Allow the product to act for 24 hours. After this period, scrub the treated surface using a stiff brush or broom and rinse thoroughly with clean water.
- In cases of heavy or thick biological growth, two applications may be required. Remove the dead growth 7 days after the first treatment, then proceed with the second application if necessary.

For best results, ensure proper surface preparation and adequate coverage during application.

STORAGE

- Minimum shelf life of 24 months in unopened original container protected from sunlight and temperature extremes.

Available Packaging

1L, 5L

TECHNICAL DATA

General Properties

Testing Properties	Test Result
Colour	Light Blue to Colourless
Specific Gravity (at 25°C ±2°C)	0.99 ± 0.01
pH	7 - 8
Ambient Temperature	2 to 3 hours depending on surface

SAFETY PRECAUTION

- **BioGuard** is a low-toxicity yet mildly irritating liquid. Avoid direct contact with skin, eyes, and mucous membranes during handling and application.
- **Recommended precautions :**
 - Wear protective gloves and safety goggles while applying
 - Avoid inhalation of spray mist
 - In case of eye contact, rinse immediately with plenty of clean water
 - Wash exposed skin thoroughly after use
 - Keep out of reach of children and food materials
- **Handle with care to ensure safe and effective application.**

Disclaimer : Technical information is based on knowledge and experience of accurate results. These results refer to the long-term application of the product in practice. Recommendations and suggestions are listed for guidance only. Since site conditions during the applications are beyond the manufacturer's control, hence it is also the responsibility of the end-user to ensure that the content in their possession is the latest case.



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