

THE LAB^o

Chemicals & Coatings

All in one Asbestos Package

The Lab Asbestos products are specifically engineered to perform within South Africa harsh environmental climate. Our Product is a solution for the huge demand of Asbestos removal and stands out for its performance and many years track record.

Encapsulation of a Asbestos roof is a much better faster and affordable solution than replacing it. The total cost of the application is much less than the alternative cost of replacement and safe removal of the Asbestos stipulated by governing laws.

By following the steps below will u restore the lifespan of your Asbestos roof and ensure a safe environment .

STEP 1

THE LAB BIO-ALGAE: Advanced safe cleaner by spray and leave to destroying all types of algae, lichen, mould etc.

STEP 2

THE LAB BIO-BOND: Unique primer which will penetrating through the old lichen surface and re-seal all loose asbestos fibres.

STEP 3

THE LAB BIO-SEAL: Is a modified flexible emulsion coating which will ensure a protective waterproofed and UV stable surface

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THE LAB BIO-ALGAE

THE LAB **ALGAE AND MOSS CLEANER** naturally kills algae, moss, and mould at the roots, removing them from exterior surfaces. Unlike other products, it will not discolour surfaces painted with mineral or acrylic paints, and results are long- lasting. Algae and Moss Cleaner works for the control of algae and mould on hard surfaces such as bricks, natural stones of any kind, plasters and artifacts, including those of historical-artistic and/or monumental interest, attacked by algae, moss or lichen. Safe for all exterior surfaces including wood surfaces, pre-painted fences, decks, and plastic furniture.

Principal Characteristics

BIO-ALGAE is a selective algaecide based on Quaternary Ammonium Compound.

- Deep cleaning of all external surfaces. The cationic surfactant, Interacts with the biofilm, without affecting its substrate. No detrimental action on silicone, rubber or polymers.

Uses

- Suitable for removal of algae in swimming pool, fountains and ponds
- Ideal for mould removal on golf courses etc.
- Excellent for mould and bacteria on synthetic turfs
- Effective removal of mould from paths, painted surfaces, masonry, tiles and roofing tiles
- Suitable for sanitising within food process and hospitality uses.
- Effective for use within air-conditioning cooling towers

Application

Spray and leave on surfaces for the removal of Algae, Mould and Bacteria Build ups.

Product can take several days to kill contaminates and may require follow up applications.

A pressure spray after contaminates have been eradicated is recommended.

Also suitable for Aerial spray application.

Clean all tools (brushes and rollers) while wet with water after use.

Coverage

- It may vary depending on the amount of algae and moss growth, and the absorption of the surface.

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THE LAB BIO-BOND (PRIMER)

THE LAB **BIO-BOND** is a high quality, acrylic water-based, low-viscosity and penetrating primer with high surface coverage. The product is suitable for a variety of surfaces (including damp surfaces) and allows super quick overcoat time. BIO-BOND physically reacts with products to ensure better adhesion to the surface. The product has excellent flexibility and impact resistant properties. It is a clear coat.

Principal characteristics:

- Penetrates deep into the substrate and has water proofing qualities.
- No chipping or scaling, is non-toxic and odourless.
- Resistant to environmental conditions and UV stable.
- Anti-fungus and chemical resistance to acids, alkaline etc.

Intended use:

BIO-BOND is suitable for application over old and new concrete, cement sheets, bricks, plaster, asbestos, roof tiles, hard boards, chip boards etc.

Cleaning:

Clean all tools (brushes, rollers and spray systems) with water after use.

Coverage

- 9-12 m²

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THE LAB BIO-SEAL

(Available in Standard colours)

THE LAB **BIO-SEAL** is a modified flexible acrylic emulsion with a low sheen for waterproofing of variety of roofs, parapets and gutters.

Principal Characteristics

- Self-cleaning
- Highly durable
- Copolymer-based coating which cures to form a tightly adherent, decorative weatherproof membrane
- Bio-Seal is a water-based product, that is non-toxic to the environment and human health.
- Tolerates thermal movement in the substrate without splitting or cracking, and will retain its elastomeric properties.
- Chemical and pollution resistant surface that has been specially engineered to shed dirt to ensure it retains a bright attractive appearance.
- Allows entrapped substrate moisture to escape without causing blistering or delamination.
- Produces an effective barrier to carbon dioxide diffusion, and therefore provides reinforced concrete with an excellent defence against harmful effects of carbonation.
- Bio-seal is very user friendly, it only requires water for cleaning of brushes, rollers or airless spray systems.

Intended use:

BIOSEAL is a flexible waterproofing product of exceptional quality and durability. A general water-proofer and can be used in conjunction with polyester membrane for parapets, flashings and flat roofs with an acceptable "run-off".

Cleaning:

Clean all tools (brushes, rollers and airless spray systems) with water after use.

Coverage

- 4-6 m²
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THE LAB BIO-THERMOSEAL

(Available in Standard colours)

THE LAB BIO-THERMOSEAL is a water-based multiphase heat reflective coating. It has advanced hollow ceramic beads technology with reflective properties of up to 25%. It will cool your home in summer, insulate your roof in winter and also waterproof your roof. The product is environmentally-friendly and does not emit noxious fumes and odours during and after application. Low sheen/silk fine texture finish available in standard colours. The standard colours available are Light Grey and White.

Principal characteristics:

- Due to the unique formulation, the paint acts as a one-way membrane, allowing moisture to escape to the surface and has excellent heat reflective properties.
- Has excellent adhesion to practically any surface.
- Colour fastness, fungi retarded and heat resistant. (UV protection by natural pigmentation).
- The product will not harden or deteriorate with age.
- The product has a low flame index.
- Bio-Thermoseal is a cost-effective addition to under – roof insulation system.

Intended use:

BIO-THERMOSEAL has seal and adhering properties and can be applied to concrete, metal, wood, asbestos etc.

Cleaning:

Clean all tools (brushes, rollers and spray systems) with water after use.

Coverage

- 3-6 m²