



ATLAS MYKOS fungicide

- effective, quick and easy in use
- fights mould and algae
- for cleaning cement and gypsum surfaces
- for bathrooms and kitchens
- for façades and terraces



Use

Quick and effective removal of biological corrosion – organic origin tarnish, i.e. fungi, mould, lichens, algae and moss. Effective against Basidiomycota fungi and mould: *Aspergillus Niger*, *Aspergillus terreus*, *Paecilomyces variotti*, *Penicillium funiculosum*, *Penicillium ochrochloron*, *Scopulariopsis brevicaulis*, *Trichoderma viride*.

Protects construction elements from damage – biological corrosion develops in places particularly exposed to damp, destroys the protective coat of construction elements and exposes their structure to adverse atmospheric factors. Façades (insulated and not insulated), walls and floors on terraces, laundries, cellars, bathrooms, etc. are particularly susceptible to infection.

Restores aesthetic appearance of finishing coats – biological corrosion occurring in the form of black, brown or green tarnish is effectively removed and original appearance of infected surface restored.

Types of substrates – agent can be used on almost any construction substrates, especially mineral ones, e.g. concrete, cement and cement-lime plasters, cement screeds, grouts. **Note.** Use of agent upon surfaces other than mineral should be preceded by test application on a surface piece.

Properties

Penetrates the structure of mineral substrates – the agent is able to penetrate the mineral bed to the depth of a few millimeters and therefore destroys micro-organism in various stage of development more effectively.

Can be applied without professional assistance – the application of agent does not require any special qualifications and users can perform the cleaning themselves, with the use of typical painting tools, accessories for surface cleaning and protective measures.

Technical requirements

The product has been given the biocide marketing authorization No. 3258/07 and Hygiene Certificate No. KH/B/0475/06/2012 issued by the National Institute of Hygiene.

Avoid discharge into the environment. Active compound – Benzyl- C12- 18-alkyldimethylammoniumchloride = 0.5 g/100 g – C. Substances classified as hazardous: Ethanol 0.05 – 0.25% – F. Effective dosage: Basidiomycota – 394 g/m², mould – 410 g/m².

In case of intoxication or allergy to the product, if the injured person is unconscious or in convulsions, do not administer liquids and do not induce vomiting. Evacuate injured person from the place of application of agent and contact a doctor or a toxicology center. Follow the instructions of the Safety Data Sheet.

Waste handling. Remains or spilled product must be removed according to the Ministry of Environment Regulation of 27 September 2001, on waste catalogue (Polish Journal of Laws No. 112 item 1206) and Law on waste of 14 December 2012 (Polish Journal of Laws No. 2013 item 21), and Ministry of Environment Regulation on specimens of documents used for the purposes of waste registration of 8 December 2010 (Polish Journal of Laws No. 249 item 1673). Check and follow local regulations on the waste handling.

Mode of disposal: D2 storage in bulk in open storage places in tight containers. **Packaging waste:** 15 01 02, plastic containers. Product can be considered a waste when it is totally unsuitable for use. The waste product is transported to the place indicated by the environment protection services for utilization. Empty containers must be stored in a designated place until the appropriate transport batch is collected. Deliver collected containers to the company operating in recycling or neutralization.

Do not let the product enter the sewage system, surface and ground waters, protect drains. If possible, stop leakage (stop the liquid inflow, seal, place damaged container in a replacement container). Cover the released product with absorbable materials, e.g. sand and collect into properly marked and tightly closed waste container. Dispose of collected waste according to the regulations in force. In case of release of large amounts of the product or contamination of the environment, inform appropriate authorities and chemical rescue services.

Cleaning

Substrate drying and protecting

Inspect the substrate, find the sources of damp and remove them. If necessary, replace flashings, gutters, roof covering and apply new foundations waterproofing, soil draining, etc. If the substrate is significantly damp, hack off its topmost layer going at least 80 cm outside the damp area, clean with a steel brush and leave to dry. Vacuum the surface when dries. Remove damp from construction partitions and rooms using air driers and heaters or by improving the ventilation system. Employ professionals for this operations. Protect the cleaned places against precipitation and excessive liquid drying, which might take place at points exposed to sunlight.

Tarnish removal

Clean the infected surface from tarnish before the application of fungicide. The technology of cleaning (manual or machine – with pressure washer) must be selected individually. The choice is determined by location of surface and degree of infection. In case of very strong tarnish, machine removal is necessary. If the infection is light, tarnish can be removed with water and a brush and dusted with a vacuum cleaner. Technical details, like jet type and water pressure of machine cleaning, or brush hair hardness for manual removal, must be chosen according to intensity of contamination and substrate strength. When cleaning, be prepared for the risk of loose substrate parts to fall off. If, for example, render is weak and its replacement is not planned, or when the cleaned surface is relatively small, e.g. grouts, the tarnish can be removed manually with brushes with appropriately hard hair. The pressure washer with flat water stream jet can be used when the tarnish is removed from a façade and renders are strongly bonded to the substrate, so there is no risk of damage. The maximum pressure must not exceed 150 bar. When a façade is extremely greasy, which impedes the penetration of the fungicide, use detergent to wash it. In case of significant tarnish, enhance the effect of preliminary washing by using hot water.

Surface decontamination

Surface decontamination with ATLAS MYKOS can be carried out when the substrate and ambient temperature is between +5°C and +25°C. Apply the liquid uniformly with a brush, a roller, or spray it. Due to possibility of occurrence of mycelium in various stages of development (easy to remove vegetative mycelium and sprouting spores as well as much more resistant endospores like conidium), it is advisable to apply the agent three times. Intervals of 12-24 hours must be observed between consecutive applications.

Surface protection

If the topmost substrate layer was hacked off, it must be recreated with appropriate mortars, e.g. ATLAS PLASTERING MIX or ATLAS TEN-10 (according to their technology of application). Painting of surfaces treated with ATLAS MYKOS can take place not earlier than 48 hours since the agent application. Indoors, rooms can be used after 48 hours since the agent application. Silicone paints and agents, e.g. ATLAS SILSTOP, ATLAS SALTA or ATLAS FASTEL NOVA are recommended for painting. They significantly limit the substrate absorptiveness and reduce the risk of new contamination.

Consumption

For single application: 0.1 kg of agent for 1 m² of infected surface.
For recommended triple application: 0.25 – 0.3 kg of agent for 1 m².

Important additional information

- Do not eat, drink, or smoke during use of preparation. Rooms where the preparation was applied must be aired thoroughly. Wash the tools with water directly after use.
- Contains didecyl dimethyl ammonium chloride, ethanol. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. Prevention precautionary statements. Keep out of reach of children. Avoid breathing /mist/ vapours/spray. Wash hands thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. IF ON SKIN: Wash with soap and water. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. Take off contaminated clothing and wash before reuse. If skin irritation occurs: Get medical advice/attention. If eye irritation persists get medical advice/attention. Dispose of contents/container to authorized companies. Follow the instructions of the Safety Data Sheet.
- Keep the preparation in dry rooms, in original containers protecting against freezing, in temperature between +5°C and +25°C. Store in a well ventilated place. Keep tightly closed. Shelf life in conditions as specified is 12 months from the production date shown on the packaging.

Packaging

Plastic drums: 1 kg, 5 kg, spray 0.5 kg

Pallet: 576 kg in 1 kg drums, 540 kg in 5 kg drums and 216 kg in 0.5 kg (multi-packs 12 pcs).

The above information constitutes basic guidelines for the application of the product and does not release the user from the obligation of carrying out works according to engineering principles and OHS regulations.

At the time of publication of this product data sheet all previous ones become void.

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