

PROTOXBIOX



FACTS



ProttoxBiox disinfects effectively with a contact time of just 60 seconds; this provides rapid (and hence economical) disinfection of even very large concrete surfaces. This treatment leaves no unpleasant odours. Nor are there any traces of hazardous chemical residues left on the treated surfaces. This makes ProttoxBiox very well-suited to areas where a healthy indoor climate is prioritised.

ProttoxBiox is a professional product that effectively kills mould, bacteria, viruses and algae. ProttoxBiox is especially suitable for cleaning and disinfection of mould on extensive concrete surfaces and bacterial growth following overflows of sewage water and other flooding.

The delivery method of ProttoxBiox is a stabilised solution of chlorine dioxide which before use is activated by insertion of an activator. This releases chlorine dioxide that remains in place as a dissolved gas. ProttoxBiox has a very rapid reaction time. When activated,

PRODUCT DATA

Delivery form: 20 l plastic container, activator included.

Dilution: BIOX must be used undiluted, must be activated before use.

Application: Vacuum the surface free of loose dust and grime, then apply activated BIOX with a regular watering can with spreader attachment. Direct the liquid using a regular workplace broom.

Agitation/mixing: After adding the activator, lightly shake the container.

Temperature range: > 5°C.

Drying time: After disinfection, ventilate the room and after 1-2 hours the last remnants of chlorine dioxide will have broken down.

pH: > 7 before activation.

Odour: Before activation – lightly chlorinated odour. After activation – powerful irritant chlorine odour.

Cleaning: Clean any equipment used with fresh water.

Corrosion/bleaching: Corrosion of sensitive metals can occur as well as bleaching of dyed textiles.

Storage: Store in a cool dark place, must not be exposed to temperatures exceeding 50°C or be stored/mixed with acidic products. Can withstand freezing temperatures.

Shelf life: Up to 1 year after production date, following activation max. shelf life is 1 month.

Disposal: Empty containers can be disposed of with regular household waste.

Working environment: Use of this product requires completion of a training course with Prottox.

AREAS OF USE

ProttoxBiox is used to clean mould and bacterial growth from level concrete surfaces (floors, ground deck, etc.).

Work is usually carried out by two persons. One to spread the activated product using a watering can with spreader, and one who uses a soft brush to “direct” the fluid to achieve a contact time of 60 seconds.

A contact time of 60 seconds is sufficient to ensure a complete disinfection of the concrete surface.

Please also read our “mould cleaning manual” at www.prottox.pro.

Working Environment and Safety

Working with ProttoxBiox requires trained personnel. Therefore, ProttoxBiox is only sold to customers who have completed the required training with Prottox.

Chlorine dioxide gas is found in activated ProttoxBiox. When applied, therefore, evaporation of unused chlorine dioxide occurs. Because the permitted work hygiene limit for chlorine dioxide is 0.1 ppm, when working with this substance a protective respirator of type B2 to protect against acidic gases must be worn, preferably combined with a particle filter (P) to protect against dust and mould remnants. When using ProttoxBiox in deep cellars or basements, one must also be aware of the danger of oxygen depletion.

Always read the safety data sheet closely before use. The most recent version can always be downloaded from www.prottox.pro

Environment

The great advantage of using chlorine dioxide as a disinfectant is that remnants of the substance that are not converted in the disinfection itself are quickly broken down to oxygen and salt when exposed to the UV radiation of daylight. 1-2 hours after completed disinfection, all traces of chlorine dioxide are gone and all that remains is a very weak solution of regular table salt. When correctly used, ProttoxBiox therefore gives an area that is disinfected and also completely free of chemical residue.

Because ProttoxBiox leaves no chemical traces, the product has no preventive effects. If you require preventive action, after disinfection we recommend using PROTOXSKIMMEL, for example.

Dosage

0.5 - 1 liter/m².