

TDS



CONCENTRATED Pro-Mould Remover - How does MouldEx work?

Contrary to the majority of products on the market, it is not a harsh chemical that destroys everything in its path and leaves massive damage to the environment to get an instant visible result.

MouldEx is a pH-neutral and biodegradable product specifically formulated to inhibit the growth of mould, lichen, moss, algae, etc. Its formula allows for usage on almost any surface and protects it. The penetrating action of MouldEx will inhibit growth for months to come.

MouldEx is highly concentrated to allow rapid action in speeding up the breakdown, and when in bond with the substrate, it will inhibit any new growth.

The high UV and the rain will then destroy and wash the leftover growth away, speeding up the weathering action without damage to your surfaces, doing the work for you..

MouldEx can be used in three ways:

1. As a sole action, spray the affected surface and then have Mother Nature do the work for you (takes time depending on condition; UV and sun)
2. As a final work after mechanical clean up (pressure wash, dry cleaner scrubbing, etc.)
3. Preventive usage indoors for a 'normal' clean of the bathroom, showers, and affected surfaces to prevent a reappearance of growth.

MouldEx Concentrate:

- 1L (it makes up to 11L of product) covers up to 50- 100 sq meters, depending on surface and growth and UV/sun.
- Unlimited shelf life both in its concentrate and mixed form, provided it is in a locked container and stored in a cool place.
- Inhibits the regrowth for years to come.
- It is easy to apply.
- Does not need scrubbing or pressure washing (if time is not the issue).
- Bleach & alcohol-free.
- Biodegradable.
- Same pH of 7-8 as H₂O.
- Environmentally Friendly Process.

When to expect results from MouldEx when used as a spray-on, only saturating the substrates:

- You see results within a few days.
- Algae disappear, Moss will turn brown/light within a few days and will decompose within a few weeks. In more sunny places, the reaction is faster and stronger.

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- Black mould will noticeably improve within several months, and heavy black mould growth might take up to 12 months.
- Lichen requires two applications (wet on wet within 10-20 minutes) and will take up to one year to decompose.
- Some surfaces might show a different colour after application, which shows that it is working, and it will not be permanent, but will disappear.

When to expect results from MouldEx when used as protection after mechanical cleaning (dry clean, pressure clean)

- You see results within a few hours.
- Algae and moss will not return, and 'leftovers' will decompose within a few weeks.
- Cleaned the Black mould, which will not come back.
- Cleaned-off lichens that have their roots still in the ground will take up to 12 months to decompose.
- Some surfaces might show a different colour after application. This shows that it is working and it will not be permanent, but will disappear.

When to expect results from MouldEx when used for indoor Cleaning:

MouldEx is also antibacterial, sanitises and kills any mould and mildew as a matter of course when used in the bathroom or surfaces in your home. MouldEx will provide a super clean surface, free of bleach and alcohol. Just spray onto your surfaces and let them dry. The excess product can be wiped away with a cloth or sponge. For best results, clean the infected surface first in a mechanical way and with a cloth/sponge as you would when doing your normal clean, then spray MouldEx; have it work for you for a few minutes before wiping the excess off. There will not be an immediate visual result in a lot of cases as you would get with a chlorine/bleach product. MouldEx works slower for the long-term results.

*When cleaning your bathroom, please do not use bleach since it will degrade the grout of your tiles over time, which increases the risk of water damage to the wall and gives the mould an even better hold.

When to expect results from MouldEx when used for Roof Cleaning:

Roofing done properly: First clean/scrape/ brush every tile/part of the roof to remove the moss, algae, lichen, etc.; Then treat the roof with a healthy dose of MouldEx, bringing the colour back into the tiles. The long-lasting MouldEx will give you years of clean roofs. After the roof has been sprayed, we leave the elements to do the work. For dirtier, stubborn roofs, the full deep cleansing process can take up to 9 months; however, a big difference can be noted in the first few months. All you need to do is a little maintenance now and then, making sure any growth/leaves/sand, etc., is regularly removed as you would.

When to expect results from MouldEx when used for Driveway Cleaning.

The Process Start to Finish

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1. Weed Kill - before work is carried out, ensure all the weeds are killed or pulled.
2. Dry clean - brush all of the dead weeds and moss off the driveway using a mechanical means (mechanical rotation brushes).
1. Pressure Wash - Please make sure you use the right pressure for your substrate. If you have bricks or a spaced stone driveway, a pressure wash can do more harm than good by removing the grout/fillings between the stones. It might damage the integrity of your driveway. Dry Clean will be better.
3. Often, such damage is not immediately obvious, but water blasting can cause significant pitting to the surface. This will result in rainwater staying longer on the surface, allowing the mould, lichen and algae to become established more quickly than before. Not so when you use MouldEx.
4. Retreatment - Return every 6-8 months as part of regular upkeep. Bricks or a spaced stone driveway might have to be cleaned more often since the gaps/fillings between the stones/bricks will establish growth much faster than the stones/bricks. We do not recommend a pressure wash on these substrates.
5. MouldEx can be used on any outside surface, which makes it ideal for treating commercial buildings suffering from organic growth like mould, lichen and algae, etc... The high concentration of MouldEx makes it the perfect solution for commercial cleaning. Pressure washing or steam cleaning buildings can take many man-hours and can cause serious and permanent damage. You can have MouldEx do it for you.
6. MouldEx works by altering the cell membranes of these organisms, causing their death over time and restricting regrowth. It may take several days or weeks to fully demonstrate its effectiveness.

Advantages are durable protection. It prevents the regrowth of moss and algae for many months after treatment, providing a long-lasting solution. It is less corrosive than Sodium Hypochlorite is safer for use around surrounding materials like wood, cement and metal. Less harmful to the environment: While MouldEx is also a chemical, it is safer for plants, pets and your environment.

MouldEx concentrated formula will not damage your surfaces, which can happen when harsh chemical cleaners are used. The dilution can vary depending on the substrate and the amount of sunlight. Please try it out first on a 'test space'. A higher concentration will be needed in places where the sun and UV have less impact. As a Cleaning Pro, you will save considerable amounts of time and money, as MouldEx is very fast to apply. Your considerable reduction in labour costs will give you an advantage over other cleaning products on the market. In combination with TDC™ coatings, it is the perfect way to prepare/clean your substrate for better adhesion and a longer lifespan of TDC™ coatings.

What makes **MouldEx™** different to the 'normal' Chlorite mould products?

Normal ammonia/sodium Chlorite or **MouldEx™**,

Which One is Better?

Sodium Hypochlorite is a powerful oxidant that is found in normal bleach and many commercial cleaning products. It works by destroying the cells of the moss and algae,

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with a fast action. It can eliminate moss and algae within minutes to hours, offering quick results. It is available in many domestic products, which makes it an affordable option.

The disadvantages are the factors to look out for:

Aggressive for surfaces: It is corrosive and harmful for some materials such as metals, wood, cement and can even cause discolouration of the surfaces.

Environmental Impact: If not used properly, it is toxic to plants, pets, marine life, and the personal environment. Draining this product also pollutes the soil and water.

Short-Term Effect: Although mould is eliminated faster, it will need more of the product in the upcoming weeks, months and beyond.

MouldEx: It works by altering the cell membranes of these organisms, causing their death over time and restricting regrowth.

The disadvantages are:

MouldEx is slower to react. It might take several days or weeks to show the full effectiveness. Advantages:

Durable protection: Prevents the regrowth of moss and algae for many months or years after treatment, providing a long-lasting solution.

Soft with the Surfaces: It is less corrosive than Sodium Hypochlorite and safer for use around surrounding materials like wood, cement and metal.

Less harmful to the environment: While **MouldEx™** is also a chemical, it is safer for plants, pets and your personal environment.



Please use the appropriate PPE, such as gloves, goggles and a facemask when applying!

Can be supplied in 5, 20 ltr or IBC

For more info, consult the MSDS, and for products, please visit www.hydrotdc.com -



Safety Directions

Keep out of reach of children. Avoid contact with eyes, use PPT/Goggles/gloves. In case of contact with the eyes, rinse immediately with plenty of water. If swallowed, drink plenty of water and seek medical attention immediately; further refer to the MSDS. Discontinue if skin irritations develop, and seek medical advice. Flux Design Australia Pty Ltd warrants that the products manufactured or supplied by it shall be free from material defects and will conform to formulation standards and contain all components in their proper proportion. Should any of the products be proven defective, the liability to Flux Design Australia Pty Ltd shall be limited to the replacement of the material proven to be defective. Flux Design Australia Pty Ltd MAKES NO WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED. User shall determine the suitability of the product for its intended use and assume all risks and liability in connection therewith. 725