

## Managing Expectations - Mould

### What is mould?

Mould is a common annoyance and appears often on exposed exterior timber. Mould lives on the surface of timber and feeds on wood extractives such as sap sugars. Although it does not decay or weaken the timber in any way, mould creates an unappealing surface and on decking can create a slip safety hazard.

For mould to grow on timber, warmth and moisture will be present. Spores often develop without being seen for some time, but will eventually stain timber, so is best to control from an early stage. Light coloured species, show mould easily. **Lawson Cypress and Macrocarpa** are especially prone, due to their natural resin content and light colour.

For both Macrocarpa and Lawson Cypress we strongly recommend an anti mould treatment such as **IsoOutdoor** within six weeks after oiling. (earlier in conditions of extreme humidity)

Mould growth varies greatly with differing climate zones relating to temperature, humidity, rainfall and the presence of atmospheric (wind blown) mould spores.

### Prevention

The most important thing is to keep timber clean. Although some timbers will have good short term mould resistance, after about 3 months, some mould and sap stain may start to appear. Wash weatherboards and decking regularly, at least once a year with warm water and **Oxygen Cleaner**. Apply this with a brush and rinse off with a hose. For better results, do this before applying oil, to help prevent mould growth underneath.

### Microbial Protection for Light Toned Timber and All Timbers in situations of High Humidity

We recognise there are customers who wish to use our Health Based Finishes while also prioritising an ongoing clean appearance. For you we recommend an application of the Microbial Mouldicide **IsoOutdoor** within 6 weeks after the final oil application.

When used as directed this safe, easily spray applied product will provide good efficacy and longevity against mould discolouration.

**IsoOutdoor** is a unique blend based on Nanoparticle technology. Working synergistically as a safe but powerful anti-microbial mouldicide it not only kills micro-organisms on contact, but also has persistent activity. Unlike bleach based products such as Wet & Forget, 30 Seconds etc ... visual results may not be immediate. Microbial action kills the mould spores over an extended period of time allowing timber to wash clean in the rain.



Nanoparticle technology bonds to a surface and creates a bed of spears which attract microbes and then kill them by puncturing their cell walls. Due to the bond between the Nanoparticles and the surface, these spears last for long periods of time.

The product contains three key bio chemicals known as lipid peptides that have the ability to breakdown the cell wall membrane of organic material allowing for fast microbial mould and fungal control.

First invented in the 1950's, these molecules have evolved over the years to become one of the safest, non-toxic antibacterial and antimicrobial products available today. It will not damage plant life, nor stain Aluminium or glass if over sprayed.

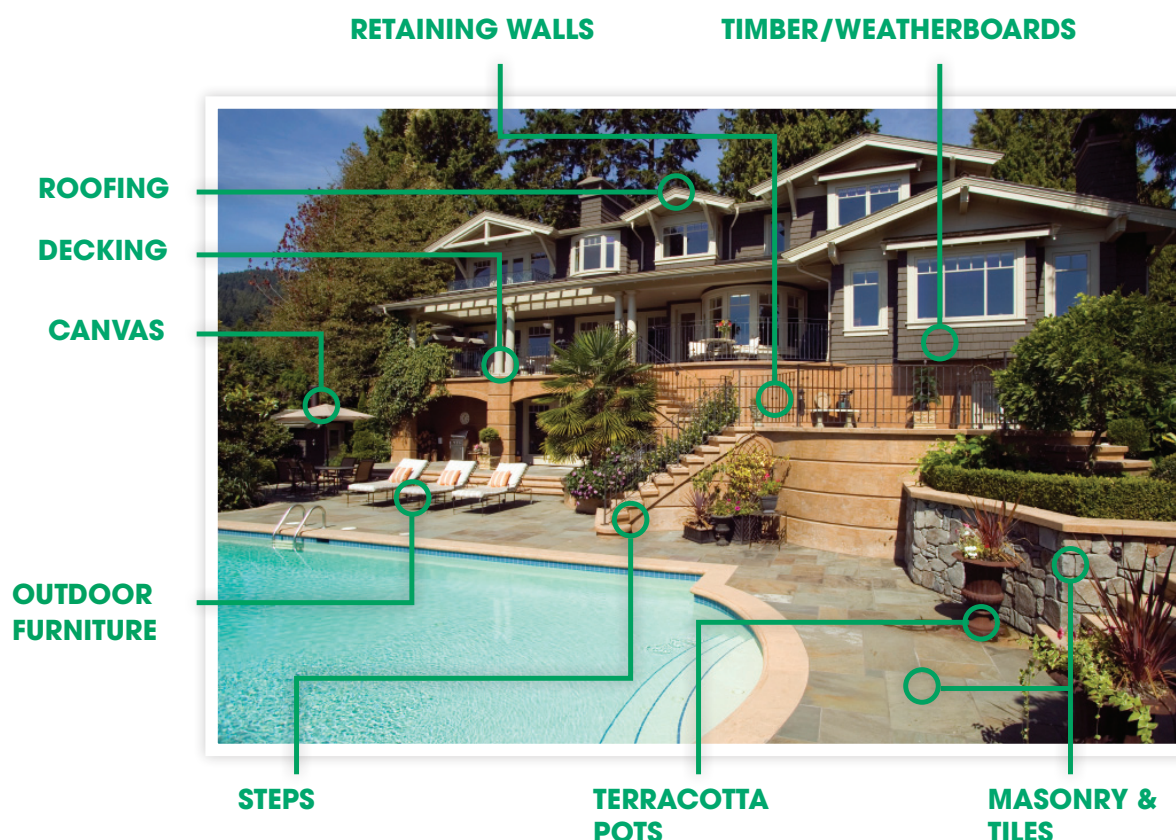
IsoOutdoor can be purchased here:

<https://www.aoteahygiene.co.nz/product/iso-outdoor-concentrate/>

# ISO OUTDOOR™

MOSS, MOULD, ALGAE AND MILDEW CONTROL

iso™  
TECHNOLOGIES



## FAST AND EFFECTIVE OUTDOOR CLEANER AND ANTIMICROBIAL PROTECTANT

- » Cleans away dirt and grime on outdoor surfaces while killing moss, mould, algae, mildew and lichen
- » Leaves the surface with a bonded antimicrobial protective coating
- » Spray on and leave - works with the natural elements
- » Fast and effective formula - notice results in days
- » Safe to use on a wide range of outdoor surfaces
- » Eco-friendly and biodegradable

