



ROOF CLEANING

What's Growing on Your Roof?

Algae, Lichens and moss thrive in areas untouched by the sun, so can develop rapidly in tree shaded and north-facing roofs. They all feed on mineral salts and require light to grow.

Algae appears as green, red, or brown which are usually found on all types of substrates.

Lichens may consist of leathery incrustations on the surface or may be embedded in the substrate. They are usually white, grey or black and are found on all types of substrates.

Mosses typically consist of a green cushion of spikes tufts but may also be low and spreading. They are usually brown when dry and found on surfaces where salts, soil and dirt have accumulated. they commonly occur on roofing materials.

Why Should You Have Your Roof Cleaned?

Spreading moss can quickly upholster roof surfaces, filling in voids between roof tiles, reaching under and lifting up roofing materials. These lifted roof tiles can allow rainwater and other moisture to seep into a roofs structure, causing decay and rot vegetation to fall into the gutter system, stopping the water to drain correctly. Long term, these growths on a roof can result in costly repairs and also reduce the lifespan.



How should you have your roof professionally cleaned?

Professional Use Only Biocide controls biological growth and has a built in long term protection, which means surfaces stay cleaner for longer. Roofs must always be prepared by removing the bulky vegetation using professional scraping equipment or steam. You should never pressure wash a roof as this has the potential to degrade the surface. Steam on the other hand is a great way of removing the organic growth, giving instant results. Steam works between 100-120 degrees and goes as low as 80 bar, so this would never degrade your surfaces.

The professional use only biocide begins to work immediately and the initial phase of killing the biofilm is substantially completed within 30 minutes, with natural weather cycles doing the rest. The speed of cleansing is in relation to site exposure and to the type of contaminants with different contaminants shedding at different rates. Moss will quickly decay and disperse, white and yellow lichen will also die within a short period and begin to detach. Lichens need dry and wet weather cycles to break the bond with the tiles and will fall gradually over a few months. Dark discolouration can take a few months to disappear completely and reveal the true appearance of the roof.

Professional Use Only Biocide degrades in contact with live biomass and cannot migrate in the ground or drain without being quickly de-activated. Biocide has the benefit of a low environmental footprint and biodegrades quickly, being PH neutral and safe for your pets once it dries.

