



## Roof Treatment Guide

### Equipment

- Chemical applicator (e.g., knapsack, hand sprayer, mechanical sprayer etc.)
- Brush (e.g., yard brush, Vikan cleaning brush etc.)
- High reach equipment (e.g., ladder, telescopic chemical fed pole, aerial work platform such as a cherry picker etc.)
- Scooping or suction equipment for removing waste from the gutter.
- Scraper for removing heavy moss deposits

Contingent on the individual case, some of the above equipment may not be necessary.

### Preparation

The preparation stage involves the removal of moss from the surface of the roof. Typically, this is the most demanding aspect of treating a roof with Actiwash, and necessitates safeguarding the gutter while collecting the falling moss.

### Dilution of the Concentrate

Version	Dilution Ratios	
	Mild Treatment	Heavy Treatment
Actiwash Pro	35:1	25:1
Actiwash Domestic	12:1	10:1

### Application

Prepare a diluted solution of Actiwash in the tank of the chemical application equipment. Saturate the (dry) roof with the prepared solution by either spray or brush, then leave.

### Post-treatment

The biofilm dies shortly after saturation with Actiwash while the roof is drying. Afterwards, the processes of natural weathering take control to clean away the staining. Each organic stain will eventually disappear, with some diminishing quickly and others taking more time. For example, green staining will disappear within a week. Red staining will take 1-2 weeks. Black/dark staining can take several months to disappear; however, gradual lightening of the contamination should be noticeable within the first few weeks and months following treatment. Yellow and white spots (lichens) can often be the final contaminant remaining to be weathered away. The crust will dry out and recede. Rain and freeze-thaw weather cycles are beneficial.

### FAQ

Q

Is Actiwash safe for both natural and synthetic roof tiles?

A

Yes, Actiwash is safe for use on both natural slate and synthetic (fibre cement) tiles.

Continued.

### FAQ

**Q** Should I spray or brush the Actiwash solution onto the roof?

**A** If the roof is particularly contaminated, we recommend a brush agitation of the solution. If the roof is only mildly contaminated or is simply undergoing a maintenance/preventative treatment with Actiwash, a spray and leave application will be sufficient. In some cases, a brush agitation can yield a visual result more quickly than spraying alone. The solution softens the biofilm which then undergoes immediate physical abrasion through brush agitation, thus a quicker result.

**Q** How much diluted Actiwash solution is used per metre squared?

**A** 1 litre of diluted solution should treat approximately 2 metres squared. Actual consumption may vary depending on the porosity of the substrate being treated.

**Q** How should I protect nearby plants and grass during treatment?

**A** Water nearby plants and grass before and after surface treatment. Lightly cover vegetation which may be exposed to a greater risk of over-spray/runoff.

**Q** When should I apply Actiwash?

**A** Apply onto a dry substrate in temperatures above 7 degrees Celsius when rain is not expected for at least a few hours post-treatment. Ensure the surface stays 'wet' for 30 minutes after treating with Actiwash. Avoid applying onto very hot surfaces as the solution may evaporate too quickly.

**Q** What is a biofilm?

**A** A biofilm is a structured community of microorganisms that adhere to surfaces and can include bacteria, fungi, algae, and protozoa.