



## Tarmacadam Treatment Guide

### Equipment

- Chemical applicator (e.g., knapsack, hand sprayer, mechanical sprayer, watering can etc.)
- Brush (e.g., yard brush, Vikan cleaning brush etc.) If available, a specialised ground sweeper will help to facilitate the efficient removal of loose material on mass.

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

### Preparation

Remove all weeds from the area. Clean all loose soiling with water and a suitable detergent if necessary. Ensure the paving is free from fallen leaves.

### Dilution of the Concentrate

Version	Dilution Ratios	
	Mild Treatment	Heavy Treatment
Actiwash Pro	40:1	35:1
Actiwash Domestic	12:1	10:1

### Application

Prepare a diluted solution of Actiwash in the tank of the chemical application equipment. Saturate the tarmacadam with the prepared solution by either spray or pour, then leave. Once the green contamination has changed colour and turned orange (usually within two weeks), the roots of the deposits will begin to decompose and can then be swept up with a yard brush (or mechanical sweeper). Apply a final saturation of the Actiwash solution to the tarmacadam. This ensures a thorough treatment and will help to keep the tarmacadam free from naturally occurring contamination.

### Post-treatment

The biofilm dies shortly after saturation with Actiwash while the tarmacadam 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

Continued.



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freeze-thaw weather cycles are beneficial. We recommend treating tarmacadam with an application of Actiwash annually to help achieve a continuously clean appearance.

### FAQ

**Q** I'm finding the orange deposits difficult to sweep up. What can I do?

**A** Some deposits have well established root structures and may require additional time to decompose after treatment in order to be easily swept up.

**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** 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** How much 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** 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.