

Draft method statement for the application of **AlgoClear Pro** for roof cleaning.

### Scope of work:

The work consists in de-contaminating the roof of the building situated at...

The first step is to decrease the biological load and uncover the substrate in order to treat it effectively with the least amount of chemical.

### Site protection:

The area immediately below the eaves is protected by means of a tarpaulin to scoop the falling debris and isolate from possible spray drift. Where grown plants are present, a light geotextile fleece is used. The gutters are covered with a plastic flashing tucked under the tile overhang. The rain water outlets are fitted with a wire balloon.

### Access:

Access to the eaves is either:

- From a mobile tower scaffold.
- Boards propped off ladders by means of proprietary brackets.
- Ladders with stabilisers and a stand off bracket as deep as the soffit.
- Where practical, roof ladders.

The area under the eaves is marked by cones and bunting tape so as to prevent un-intended ingress by members of the public.

### Surface preparation:

Bulky growth is removed by a combination of several means as appropriate: Scraping using hand held scrapers or on short poles hoe style, trowels etc. The loose debris is removed with a leaf blower or is swept. The material collected is bagged and disposed of as green waste.

### Spraying:

The spray mix is a 1/18 solution of **AlgoClear Pro** applied at a rate sufficient to soak the tiles and wet laps and bonds.

**AlgoClear Pro** is injected at the preset rate and pumped at a pressure of 4 to 5.5 bars and a flow rate of 5.5 to 8 litres per minute. The droplets are coarse to minimise the incidence of spray drift. Spraying is carried out using a telescopic pole adjustable in length from either the eaves or the ridge. The gutter covers are removed prior to spraying.

### Brushing:

A water fed brush is used to apply the biocide on timber, pebble dash and rough cast render. Brushing the roof is carried out where the biofilm needs to be softened.

### Safety:

The operator is fully clothed, wearing gloves and the face is protected by a visor. No spraying is undertaken within the vicinity of electric cables. No specific license is required for the application of **AlgoClear Pro**. Other safety items relative to working at height are submitted under a separate statement.

