

Technical Bulletin

ROOF CLEANING - MOSS, ALGAE, BIRD DROPPINGS ON STONE COATED STEEL ROOFS

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General Information

Unified Steel[™] stone coated roof panels and accessories by themselves do not support organic growth. However, over time the accumulation of dirt and debris, coupled with retained moisture and sunlight creates an environment hospitable for organic growth. Organic growth does not normally harm stone coated steel panels, but merely creates unsightly areas on the roof.

Limited Warranty – No Coverage for Organic Growth

Unified Steel[™] stone coated roofs are not warranted against organic growth, nor should a guarantee be implied by any vendor, purchaser, or user of the products. Regular maintenance can be performed to help prevent unwanted growth on roofing materials in challenging locations.

Controlling Excessive Organic Growth on Stone Coated Steel Roofs

Organic growth can be controlled by periodically cleaning the roof surface. Loose debris from trees should be removed as necessary. There are cleaning products on the market that have proven effective at cleaning Unified Steel[™] products. Roof cleaning products must be non-corrosive and designed to not harm external household lawn and gardens. Do not use Copper or Iron based cleaning products as copper, due to galvanic reaction, can cause corrosion of the Unified Steel[™] substrate (*Galvalume[®]), and iron-based products can create rust staining of the roof surface. It is important to follow the cleaning product manufacturers application instructions. Some of these products are: (in no particular order and not limit to)

- Simple Green
- Wet & Forget Outdoor
- Roof-A-Cide (Non-Copper formula)
- Bayer Advanced 2-in-1 Moss & Algae Killer
- A mild solution of household chlorine bleach and water

Spot Roof Cleaning, Bird Droppings, General Dirt & Debris

- Prepare a cleaning solution
- Apply the blended solution to any droppings, dirty areas of the roof
- Allow the cleaning solution to sit for several minutes
- Use a soft bristle brush while rinsing with water to remove the bird droppings / dirt
- Repeat the process as needed

Precautions

- Roof access should be performed in a safe manner.
- Do not spray liquids into the side laps of any panels.
- Use proper personal protective equipment when handling the cleaning solution.

Current Technical Bulletins are listed on our website at WestlakeRoyalRoofing.com and we reserve the right to amend or update these documents at any time.

**Galvalume[®] is a registered trademark of BIEC Intl.*

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