

Technical Bulletin #1

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

Date Issued: September 17, 2004

General Information

Boral 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 limited 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

Boral 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 maintain the roofing materials free of unwanted growth 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 dropped from trees should be removed as necessary. A mild solution of 1-part chlorine to 1-part water can be sprayed on affected growth and left to soak for approximately 1-hour. The cleaning solution and growth can then be washed off with a garden hose using a household pressurized water nozzle. Stubborn spots may require using a soft bristled brush and/or a pressure washer not exceeding 1,000 psi. with a wide-angle spray (min. 30 degrees). This cleaning procedure should be performed as necessary to maintain a clean roof.

Spot Roof Cleaning, Bird Droppings, General Dirt & Debris

- **Prepare a Cleaning Solution** - Begin by filling an empty spray bottle with a mixture of hot water and mild detergent.
- **Apply the Cleaning Solution** - Apply the blended cleaning solution to any dropping-laden / dirty areas of the roof. After allowing the cleaning solution to sit for several minutes, use a soft bristle brush while rinsing with water to remove the bird droppings / dirt. Repeat this step as necessary.

Precautions

- Roof access should be performed in a safe manner.
- Avoid spraying liquids into the side laps of any panel.
- Insure personal protection from cleaning solutions.
- Protect household vegetation from overspray and run off from the cleaning solutions.

We reserve the right to amend or update these documents at any time.