



To: Handy Distribution Sales Team & Customers
From: Christopher Payne
CC: Sentrigard Metals Roofing Technical Services
Date: 1/23/2025
Re: Sentriclad Architectural Metals & Strippable Film

Strippable Vinyl Film is a removable protective vinyl layer that can be applied to the finished surface of full width coil or sheet (typically 4' x 10') of Sentriclad Architectural Metals during processing from master coil to slit coil & flat sheets that are to be formed into architectural roofing systems or sheet metal flashing and trim for roofing systems. Strippable vinyl film may:

1. Be applied in 2" to 3" widths and installed on prefinished metal panel surfaces directly adjacent to the (male leg) of a standing seam panel when panels are preformed in a manufacturing facility and crated for shipment to the job site. The film in this scenario is installed next to the seam to protect the painted surface of underlying panels as they are "nested together prior to crating." It is possible there may be a vibration during transport that could damage the panel surfaces if not protected by the strippable film.
2. Be applied to cover the entire surface of the prefinished metal that is formed into full coil width x 10' or custom sheets for fabrication of flashing and sheet metal components to be used in roofing, wall panel and other fenestration in a building.

There are many different strippable film options to protect the factory pre-painted surfaces of Sentriclad Architectural Metals from damage during the fabrication and installation process. The object is to select a film that is dimensionally stable and lays flat with no trapping of air pockets (bubbling), adheres well enough to protect underlying metal finishes, yet is easily removeable upon completion of sheet metal panel and trim installation. Please read the excerpt below from The NRCA Guidelines for ARCHITECTURAL SHEET METAL FLASHINGS:

"Factory-applied protective films, sometimes called masking or "strippable" films, can be applied to protect the paint coating. These protective films should be removed before panel installation or immediately after the panel seaming process to prevent the film from bonding to the panels' surface after exposure to heat."

Strippable film is highly susceptible to break down when left exposed to ultraviolet radiation and should be protected from the sun and the elements. It is important to note that all strippable vinyl film **MUST** be removed immediately upon installation and completion of any sheet metal component(s). If lapping joints between sections, it may be necessary to peel the film back away from the joint on either side to prevent the film from becoming a long-term latent defect that could possibly act as a parting agent for the sealant within the joint.

Please remain alert to any roofing project with sheet metal flashings and or metal roofing panels utilizing strippable protective film on exposed surfaces. The strippable protective film must be removed by the end of each day's exposure to ultraviolet radiation. If it is not removed each day, it may be difficult if not impossible to remove later. Also, if fabricated metal roofing panels or sheet metal trim is stored on a job site for future installation, be sure to cover the material with an opaque tarpaulin to prevent UV radiation from affecting the polymers of the actual protective film.

SentriClad Guidelines specifically for Strippable Films. A closer look at the storage of end use materials with strippable film:

- Sheet metal with protective masking must be kept in an enclosed building or holding facility.
- Maximum storage limits below include coil, sheet, and fabricated components, in warehouse storage and outdoor exposure combined. Adhesion will increase after four months and will cause removal issues after six months.
- Sheet metal with strippable films applied should be kept wrapped to prevent exposure to direct UV, water, oils, or other contaminants.
- Sheet goods-shop fabrication: All material must be stored inside (enclosed building or holding facility) and kept within a temperature range of 45°-90° F and 20%-80% relative humidity. Storage Limit (from Handy Distribution delivery to installation): **Six (6) Months**, maximum (warehouse storage and outdoor exposure combined).
- Coil stock-shop fabrication (outside) All coil for panel fabrication must be stored inside and kept within a temperature range of 45°-90° F and 20%-80% relative humidity.
 - Storage Limit: Interior Coil Storage: **Three (3) Months**, maximum
 - Storage Limit: Exterior Storage: **Thirty (30) Days**, maximum
- Coil stock-jobsite fabrication (outside) All coil for panel fabrication must be stored inside and kept within a temperature range of 45°-90° F and 20%-80% relative humidity.
 - Storage Limit: **Thirty (30) Days**, maximum.

Always use proper storage & handling instructions posted by Sentrigard Metal (Roofing) Systems, Inc.