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# Care and Maintenance Guidelines

A guide to maintaining the aesthetic and protective properties of the factory-applied finish on your building's metal panels and trim.

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# Easy-Care Guide.

Although your metal roof system is practically maintenance-free, it is important to understand that the paint system and product are specially designed to withstand the elements for years to come. Certain cleaners or aggressive solvents that you might typically use to clean other painted surfaces, **cannot** be used on your painted metal roof. Here are basic guidelines to ensure that your New Castle Metals metal roof will provide you with years of performance – protecting your roof as well as your warranty.

## How to properly maintain your New Castle Metals painted metal roof.

Factory-applied finishes used on New Castle Metals metal roof panels are so durable, they will last many years longer than ordinary paints. If you see a buildup on roof areas which require cleaning, follow these guidelines for proper care and maintenance.

### Recommended cleaning agents.

To maintain the original finish of the metal roofing panels, the only regular maintenance necessary is an annual washing. Mild solutions of biodegradable cleaner **or** household ammonia will aid in the removal of most dirt. **Either one of the following solutions** is recommended:

1. **One cup of Simple Green<sup>®</sup>, or other non-toxic biodegradable cleaner**, which contain less than 0.5% phosphate, dissolved into **two gallons of warm water**. NOTE: The use of detergents containing greater than 0.5% phosphate is not recommended for use in general cleaning of building panels. NEVER BLEND CLEANSERS OR DETERGENTS WITH BLEACH.
2. **One cup of household ammonia** dissolved into **five gallons of water** (room temperature).

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*Your New Castle Metals paint system is a baked-on coating designed to provide you with trouble-free performance for years, with little service required. Please read these guidelines – and thank you for choosing New Castle Metals!*

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## How to properly maintain your New Castle Metals painted metal roof.

Factory-applied finishes used on New Castle Metals metal roof panels are so durable, they will last many years longer than ordinary paints. If you start to see build up on roof areas that need to be cleaned, follow these guidelines for proper care and maintenance.

### Recommended cleaning agents.

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We **do not recommend the use of scouring powders or industrial solvents**, since these agents may damage the film. Solvent-containing cleaners such as Fantastic, however, are very effective and can be used without concern.

If mildew or other fungal growth is a problem and cannot be removed as outlined – household bleach, mixed at a concentration of one cup of bleach to five gallons of water, along with one cup of a mild soap (e.g., Ivory) to aid wetting, is recommended.

### Step-by-step procedure.

It is important to fully complete the process below:

1. Working from the bottom to the top of the metal building panels, the **panels may be washed using either recommended cleaning solution**. The use of a well-soaked cloth, sponge, brush (with very soft bristles), or a low pressure spray washer is advised.



2. Once the building panel is washed, **thorough rinsing with clear water is necessary** to eliminate the possibility of residue. Failure to remove all residues from these cleaning steps may damage the film.

It is the user or their agent's responsibility to select materials and implement procedures specific to the safe, proper and compliant use of cleaning agents, paints and solvents mentioned.

### The effects of salt air.

Today's quality metal roofs are produced from corrosion resistant metals with lasting coatings for extra corrosion resistance.

If you chose a New Castle Metals painted Galvalume steel roof in a salt environment, special attention should be placed on the core substrate, more so than the paint, since paint doesn't rust. Extra care should be administered to exposed areas along the cut metal edge of your roof, as well as other areas which do not benefit from the cleansing-effect of natural rainfall.

We suggest the use of our Drexmet edge coating, applied at the time of installation and then once every couple of years to ensure long-term performance. Our rule of thumb: any roof within 2,800 feet from the surf or subject to frequent cycles of salt fog should be painted aluminum. If your roof is not aluminum, we highly recommend an annual or semi-annual maintenance program to prevent substrate corrosion.



## Repairing scratches.

When a scratch appears on the metal panels, the Drexmet® Paint Pen touch-up paint system, quickly and easily diminishes scratches, reducing future potential problems. The Paint Pens are available in all **non-metallic** stock colors, which have a shelf life of up to six years.



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