

Maintenance

Following are the recommendations for the maintenance of Wheeling Corrugating's painted metal roofing and siding, as provided by our paint supplier, The Valspar Corporation, and information obtained from the Metal Construction Association.

Wheeling has the most comprehensive paint finish in the industry with The System. The System requires only a minimum of maintenance to provide years of lasting beauty and protection.

Maintenance falls into three sections:

- (1) Maintenance at the time of erection**
- (2) Annual Maintenance**
- (3) Repainting Procedure.**

(1) Maintenance at the time of erection:

After the structure has been completed, the panels should be carefully examined for stains, scratches, abrasions, grease, or dirt.

Stubborn stains should be washed with "one" of the following solutions;

- A.) One cup of detergent which contains less than 0.5% phosphate (example-"Tide®")* dissolved into 5 gallons of water. *Trisodium Phosphate (soilax)
- B.) One cup of household ammonia dissolved into 5 gallons of water (room temperature).
- C.) Solvent containing cleaners (examples – "Fantastic®" or "Formula 409®") are very effective and can be used without concern.
- D.) Starbrite Instant Black Streak Remover can also be very effective and can be used without concern. Fort Lauderdale, Fla. 33314. Telephone #: 800-327-8583.

Working from the top to the bottom of the panels, use a well soaked cloth, sponge, brush (with very soft bristles) or low pressure spray washer. Once the building is washed, a thorough rinsing with clear water is necessary to eliminate the possibility of residue. The use of scouring powders or industrial solvents are not recommended since these agents may damage the film, or leave unsightly sources for dirt accumulation.

Particular attention should be paid to remove metal chips, shavings, or random particles loose or lightly embedded in the paint. These particles originate from drilled holes and field-cut sections and consist of carbon steel which, if left, will oxidize quickly and be a source of red rust stains. These stains can be extensive and severe, and all possible steps should be taken to avoid them.

IMPORTANT: All scratches or abraded areas should immediately be spot-painted with our bottle brush touch-up paint. In the acid rain areas of the country it is recommended, that all exposed cut edges/ends, should be roller painted with an acrylic clear coat, or equivalent clear coat. This includes factory cuts, and field cuts. This will prolong the chance of exposed edges rusting in the future.

(2) Annual Maintenance

The System paint finish will last many years longer than ordinary paints, however, a routine, thorough cleaning is desirable. A thorough cleaning will generally restore the appearance of the panels and render repainting unnecessary. In rural areas, annual washing with clear water may be all that is required.

Even though The System paint finishes are mildew resistant, mildew will grow on accumulated dust and dirt which is on the surface. If mildew or other fungal growth becomes a problem and cannot be removed as outlined, household bleach (read all bleach caution warnings) – mixed at a concentration of one gallon bleach to five gallons of water, along with one cup of mild soap to aid wetting – is recommended. Rinse thoroughly.

In industrial areas, where fumes and soot are more prevalent, the structure may require washing with one of the solutions described in section one.

IMPORTANT: Periodically, inspect all exposed edges. If edge corrosion is visible, see Section 3: Repainting.

(3) Repainting Procedure:

All paint finishes in The System are factory applied and baked on for years of trouble free performance. However, for a variety of reasons, painting or repainting may become desirable. A thorough analysis of conditions will determine the most effective procedure to follow. Consulting with a professional paint contractor is always recommended.

Step 1 – Surface Preparation

Removal of residual dirt and excessive chalk. This is basically a washing operation which can be accomplished by using one of the three solutions described in Section 1.

Step 2 – Removal of Red Rust and White Rust

This operation can be done by wire brush, sand paper, or power brush. Surface should be wiped to remove residual dust after brushing. Scrub to remove soil, oil, residual chalk, and corrosion products. Rinse with water. On a fairly clean building, Step 1 can be omitted.

Step 3 – Spot Prime

Valspar's severe weather red oil metal primer, One & Only #47316 oil primer or equivalent primer should be brushed on exposed metal and areas where the paint is very thin. Allow 24 hours to dry. In areas where the old paint is tight, the primer need not be applied.

Step 4 – Finish Coat

Valspar's Severe Weather acrylic or equivalent topcoat should be applied on the whole surface. Severe Weather Systems can be obtained through your local lumber yards or contact Valspar's Architectural Consumer Division 1-800-895-9061.

Important: Wheeling Corrugating Company does not warrant maintenance or consumer products for field repair.