02/25/2025

Include if project includes staining riprap, boulders, slopes, guardrail or wall facing.

## Section 563. — COATING

**Description**

**563.01** Add the following:

This work also consists of finishing surfaces with a reactive colorant to produce a natural weathered appearance.

**Material**

**563.02** Add the following:

Weathering agent 725.21

**Construction Requirements**

**563.06 Protection of Public, Property, and Workers.** Add the following:

Comply with all applicable federal, state, and local regulations. Furnish material SDS for all cleaning and staining products.

**563.12A Weathering Agents.** (Added Subsection).

Include if staining guardrail is required.

Apply weathering agent to the required galvanized surfaces at the manufacturer’s facility. After application, cure the treated guardrail materials to develop the full coloration according to the manufacturer’s recommendations.

Repair damages or discoloration to the final finish by field applying weathering agent according to the manufacturer’s recommendations.

Include if staining rock slopes, wall facing, boulders, or riprap is required.

Apply weathering agent to slopes, wall faces, placed boulders, and riprap as directed. Prepare surfaces and apply weathering agents according to the manufacturer’s recommendations.

Repair damage to the final finish on non-metallic surfaces by applying weathering agent to damaged areas until the finish matches that of the approved applicable test section.

**(a) Slopes and wall faces.** Prepare a minimum of three test sections, each 5 feet by 5 feet, before production application of the weathering agent. After application, cure the test sections to develop the full coloration according to the manufacturer’s recommendations. Use different dilutions and application methods on the test sections to determine the mix and method to best match the surrounding terrain. Mark each section and record mixture and application used on each section.

After the curing period, the CO will select a test section for production work.

If none of the test sections are approved, adjust the dilutions and application methods and prepare additional test sections at no additional cost to the Government.

Use the approved dilution and application method during production work. Control overspray and protect adjacent surfaces.

**(b) Rock and boulders.** Apply weathering agent at the rate necessary to achieve the desired color. Prepare a test section, 3 feet by 3 feet, before production application of the weathering agent. Use the approved application rates to apply the weathering agent over the CO designated areas. Control overspray and protect adjacent surfaces.

Include if staining riprap, boulders, slopes, guardrail or wall facing is required.

**563.13 Acceptance.** Add the following:

Reactive colorant finishes will be evaluated under Subsection 106.02.