

CS Acrovyn® Stainless Steel Sheet

Suggested Specifications | Section 10 26 00

Part 1 – General

1.01 Summary

- A. This section includes the following types of wall protection systems:
 - 1. Wall Covering
- B. Related sections: The following sections contain requirements related to this section:
 - 1. Handrails, Corner Guards, Bumper Guards, Crash Rails, Accent Rails, Wall Panels, Door Protection; refer to section 10 26 00 “Wall and Door Protection”

1.02 References

- A. National codes (IBC, UBC, SBCCI, BOCA and Life Safety)
- B. American Society for Testing and Materials (ASTM)

1.03 Submittals

General: Submit the following in accordance with conditions of contract and Division 1 specification section 01 33 00 “Submittal Procedures”:

- A. Product data and detailed specifications for each system component and installation accessory required, including installation methods for each type of substrate.
- B. Shop drawings showing locations, extent and installation details of wall covering products.
- C. Samples for verification purposes: Submit the following samples, as proposed for this work, for verification of color, texture, pattern and thickness:
 - 1. Sample of each product specified.
- D. Maintenance data for wall protection system components for inclusion in the operating and maintenance manuals specified in Division 1.

1.04 Quality Assurance

- A. Installer qualifications: Engage an installer who has no less than 3 years experience in installation of systems similar in complexity to those required for this project.
- B. Manufacturer's qualifications: Not less than 5 years experience in the production of specified products and a record of successful in-service performance.
- C. Code compliance: Assemblies should conform to all applicable codes including IBC, UBC, SBCCI, BOCA and Life Safety.
- D. Fire performance characteristics: Provide stainless steel components tested in accordance with ASTM E84 for Class A/1 fire characteristics.
- E. Single source responsibility: Provide all components of the wall protection system manufactured by the same company to ensure compatibility of color, texture and physical properties.

1.05 Delivery, Storage and Handling

- A. Deliver materials to the project site in unopened original factory packaging clearly labeled to show manufacturer.
- B. Materials must be stored flat.

1.06 Project Conditions

- A. Installation areas must be enclosed and weatherproofed before installation commences.

Part 2 - Products

2.01 Manufacturers

- A. Interior surface protection products specified herein and included on the submittal drawings shall be manufactured by Construction Specialties, Inc.

2.02 Materials

- A. Stainless Steel: Material to be 16 gauge type 304 alloy with #4 satin finish.

2.03 Wall Covering

- A. **Stainless Steel Sheet to be CS Acrovyn: Nominal .0625" (1.59mm) thick stainless steel sheet with standard Smooth texture. Supplied in 4' x 8' or 10' (1.2m x 2.4m or 3.0m) sheet sizes. Diamond Plate texture available.**

2.04 Fabrication

- A. General: Fabricate wall protection products to comply with requirements indicated for design, dimensions, detail, finish and sizes.

2.05 Finishes

- A. General: Comply with NAAMM "Metal Finishes Manual" for recommendations relative to applications and designations of finishes.

2.06 Accessories

- A. Mounting: Stainless steel wall protection shall be furnished as a complete packaged system, including appropriate adhesive or mechanical fasteners.

Part 3 - Execution

3.01 Examination

- A. Verification of conditions: Examine areas and conditions under which work is to be performed and identify conditions detrimental to proper or timely completion.
 1. Do not proceed until unsatisfactory conditions have been corrected.

3.02 Preparation

- A. Surface preparation: Prior to installation, clean substrate to remove dirt, debris and loose particles. Perform additional preparation procedures as required by manufacturer's instructions.
- B. Protection: Take all necessary steps to prevent damage to material during installation as required in manufacturer's installation instructions.

3.03 Installation

- A. Install the work of this section in strict accordance with the manufacturer's recommendations using only approved hardware and locating all components firmly into position, level and plumb.

3.04 Cleaning

- A. General: Immediately upon completion of installation, clean wall protection products and accessories in accordance with manufacturer's recommended cleaning method.

- B. Remove surplus materials, rubbish and debris resulting from installation as work progresses and upon completion of work.

3.05 Protection

- A. Protect installed materials to prevent damage by other trades. Use materials that may be easily removed without leaving residue or permanent stains.