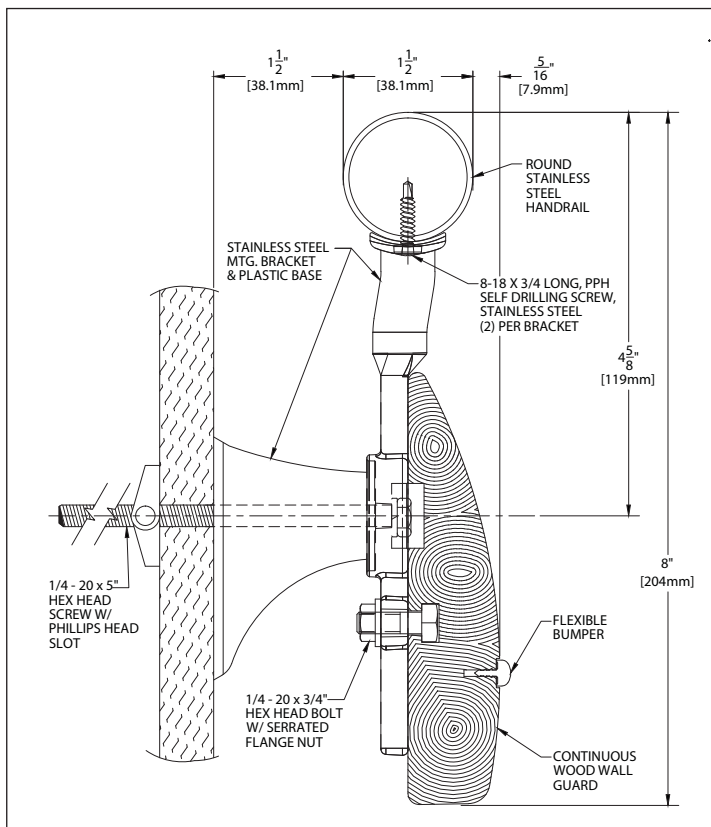


# 3500SRWB

Silhouette Handrail, Round Stainless Steel Top, Wood Wall Guard Bottom with Flexible Bumper



- 8" (204mm) height x  $1\frac{1}{2}"$  (38mm) gripping diameter, system extends  $3\frac{5}{16}"$  (84mm) from the wall
- System includes  $1\frac{1}{2}"$  (38mm) diameter stainless steel top handrail and an integrated 5" (127mm) wood wall guard that includes a flexible vinyl bumper.
- Aesthetically pleasing brushed finish
- Type 304 Stainless Steel Handrail
- Durable
- Pre-configured for fast and easy installation
- 1.5" diameter meets ADA requirements
- Non-porous surface does not promote the growth of mold and mildew

IPC.1643/REV.1

# 3500SRWB Silhouette Handrail, Round Stainless Steel Top, Wood Wall Guard Bottom with Flexible Bumper

## Suggested Specifications

### PART 1 GENERAL

#### 1.01 SUMMARY

- A. Handrail systems for pedestrian safety and wall protection

#### 1.02 SECTIONS INCLUDES

- A. 3500SRWB Silhouette Handrail System, round stainless steel handrail with integrated wood wall guard that includes a flexible bumper.

#### 1.03 REFERENCES

- A. American National Standards Institute (ANSI)  
B. American with Disabilities Act (ADA)  
C. Environmental Protection Agency (EPA)  
D. Kitchen Cabinets Manufacturers Association (KCMA)  
E. National Emission Standards for Hazardous Air Pollutants (NESHAP)  
F. Society of Automotive Engineers (SAE)

#### 1.04 SYSTEM DESCRIPTION

- A. Performance Requirements: Provide metal handrail systems with integrated wall guard that conform to the following requirements of regulatory agencies and the quality control of IPC Door and Wall Protection Systems, InPro Corporation.
1. Cold, heat and chemical resistance: Provide handrail system with wood components that have a finish that complies with the applicable provisions of ANSI/KCMA A161.1-1990 for cold check, heat and chemical resistance.
2. Environmental compliance: Provide handrail system with wood components that have a finish that does not off gas or emit any VOC, after a full cure, as tested in accordance to the EPA, NESHAP, Method 24, 40CFR, Volume 60, Appendix A.
3. Code Compliance: Provide handrails that comply with all current ANSI and ADA requirements.

#### 1.05 SUBMITTALS

- A. Product Data: Manufacturer's printed product data for each product indicated in this section.
- B. Detail Drawings: Mounting details with appropriate fasteners for specific project substrates.
- C. Samples: Verification samples of handrail, 7" (178mm) long, in full size profiles with mounting brackets of each type indicated.
- D. Manufacturer's Installation Instructions: Printed installation instructions for each handrail.

#### 1.06 DELIVERY, STORAGE AND HANDLING

- A. Deliver materials in unopened factory packaging to the jobsite.
- B. Inspect materials at delivery to assure that specified products have been received.
- C. Store in original packaging in a climate controlled environment away from direct sunlight.

#### 1.07 WARRANTY

- A. Standard IPC limited lifetime warranty against material and manufacturing defects.

### PART 2 PRODUCTS

#### 2.01 MANUFACTURERS

- A. Acceptable Manufacturer: IPC Door and Wall Protection Systems  
InPro Corporation, PO Box 406, Muskego, WI 53150 USA;  
Telephone 800-543-1729, Fax: 888-715-8407,  
Internet address: www.inprocorp.com
- B. Substitutions: Not permitted
- C. Provide all handrails and wall protection from a single manufacturer.

#### 2.02 MANUFACTURED UNITS

- A. Stainless Steel/Wood Handrail System
1. 3500SRWB Silhouette Handrail, 8" (204mm) height x 1-1/2" (38mm) gripping diameter, system extends 3-5/16" (84mm) from the wall. System includes 1-1/2" (38mm) diameter stainless steel top handrail and an integrated 5" (127mm) wood wall guard that includes a flexible vinyl bumper.

#### 2.03 MATERIALS

- A. Stainless Steel:
1. Continuous stainless steel rail shall be type 304 alloy with a number 4 satin finish (type 304 meets NSF Standard 51).
2. Stainless steel brackets, returns and corners shall be type 304, stainless steel (type 304 meets NSF Standard 51).
- B. Wood:
1. Wood shall be FAS grade, kiln dried, solid maple or red oak with moisture content of 5-9%.
2. Forest Stewardship Council (FSC) Wood: Shall be kiln dried solid FSC Ash.
- C. Vinyl:
1. Molded components shall be made of polyvinyl chloride.
2. Flexible vinyl: Vinyl bumper shall be manufactured of flexible polyvinyl chloride.

#### 2.04 COMPONENTS

- A. Handrail returns and corners shall be type 304, stainless steel and a finish/color to match handrails.
- B. Wall guard returns and outside corners shall be fabricated of wood in a finish/color to match the wall guard.
- C. Stainless steel brackets shall be type 304, stainless steel with a brushed finish
- D. Molded bracket components shall be fabricated from injection molded polyvinyl chloride.
- E. Fasteners: All mounting systems accessories appropriate for substrates indicated on the drawings shall be provided.

#### 2.05 FINISHES

- A. Handrail: Stainless steel rail shall be 304 alloy with a #4 satin finish.
- B. Wood Stain: Color of the wall guard to be selected, by the architect, from the IPC stain selection. Wood Finish: Wall guard shall be finished with a low-VOC,

water based UV finish.

- C. Stainless Steel Brackets: Color of stainless steel brackets shall be #4 satin finish stainless steel.
- D. Molded Bracket Components: Molded bracket components shall be of a color matching the wall guard. Surface shall have a pebblette texture.
- E. Flexible Impact Bumper: Color of the impact bumper shall be black with a smooth finish.

### PART 3 EXECUTION

#### 3.01 INSTALLERS

- A. Installer should be familiar with the installation of finished wood and stainless steel products.

#### 3.02 EXAMINATION

- A. Examine areas and conditions in which handrail will be installed.
1. Complete all finishing operations, including painting, before beginning installation of handrail system materials.
2. Wall surface shall be dry and free from dirt, grease and loose paint.

#### 3.03 PREPARATION

- A. General: Prior to installation, clean substrate to remove dust, debris and loose particles.

#### 3.04 INSTALLATION

- A. General: Locate the handrail as indicated on the approved detail drawing for the appropriate substrate and in compliance with the IPC installation instructions. Install handrail level and plumb at the height indicated on the drawings.

#### 3.05 CLEANING

- A. At completion of the installation, clean surfaces in accordance with the IPC clean-up and maintenance instructions.