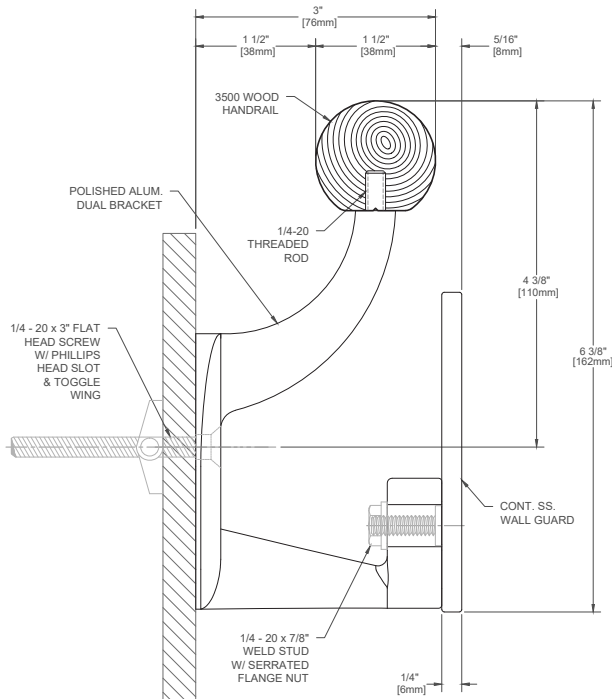
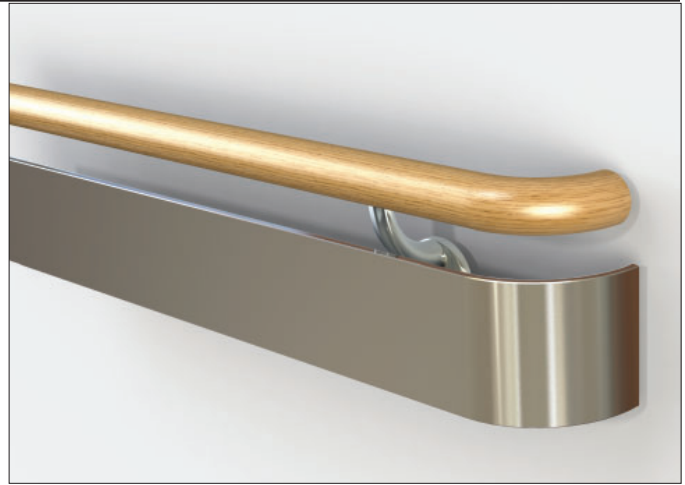


3520WSD Silhouette Handrail

Suggested Specifications



- 6-3/8" (162mm) height x 1-1/2" (38mm) round gripping diameter, extends 3-5/16" (84mm) from the wall
- 3520WSD - Wood handrail available in maple with integrated stainless steel wall guard
- Sturdy, factory pre-cut, 4" (102mm) high, type 304 stainless steel wall guard
- Lower wall guard is available in Metal Tone finish options
- Meets ADA and ANSI criteria
- Manufactured in 8' – 16' (2.44m – 4.88m) standard lengths
- All mounting fasteners are included with each order

IPC.2223/REV.4

3520WSD Silhouette Handrail

Suggested Specifications

PART 1 GENERAL

1.01 SUMMARY

A. Handrail systems for pedestrian safety and wall protection

1.02 SECTIONS INCLUDES

A. 3520WSD Silhouette Handrail System, round wood handrail, with integrated stainless steel wall guard.
B. 3520WMSD Silhouette Handrail System, round wood handrail, maple with integrated stainless steel wall guard.

1.03 REFERENCES

A. American National Standards Institute (ANSI)
B. American Society for Testing and Materials (ASTM)
C. American with Disabilities Act (ADA)
D. Environmental Protection Agency (EPA)
E. Kitchen Cabinets Manufacturers Association (KCMA)
F. National Emission Standards for Hazardous Air Pollutants (NESHAP)

1.04 SYSTEM DESCRIPTION

A. Performance Requirements: Provide wood 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 wood handrail with 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 wood handrail and with 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, 10" (254mm) 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. Wood/Stainless Handrail
1. 3520WSD Silhouette Handrail, 6-3/8" (162mm) height x 1-1/2" (38mm) round gripping diameter, system extends 3-5/16" (84mm) from the wall. System includes a 1-1/2" diameter wood handrail, and integrated stainless steel wall guard, 4" (102mm) high.
a. Stainless steel handrail returns and corners, standard; Wood handrail. returns and corners, optional.
2. 3520WMSD Silhouette Handrail, 6-3/8" (162mm) height x 1-1/2" (38mm) round gripping diameter, system extends 3-5/16" (84mm) from the wall. System includes a 1-1/2" diameter wood handrail, maple and integrated stainless steel wall guard, 4" (102mm) high.
a. Stainless steel handrail returns and corners, standard; Wood handrail. returns and corners, optional.

2.03 MATERIALS

A. Wood: Shall be FAS grade, kiln dried solid maple with moisture content of 5-9%.
B. Stainless Steel
1. Stainless steel returns and corners shall be type 201 stainless steel with a brushed finish.
2. Stainless steel wall guard shall be manufactured from type 304 stainless steel with a brushed finish.
C. Aluminum cast dual bracket with a polished finish.

2.04 COMPONENTS

A. Handrail returns and corners
1. Solid wood and a finish to match handrails.
2. Cast stainless steel with a brushed #4 satin finish.
B. Wall guard shall be fabricated from type 304 stainless steel.
C. Brackets to be cast in aluminum and given a polished finish.
D. Fasteners: All mounting systems accessories appropriate for substrates indicated on the drawings shall be provided.

2.05 FINISHES

A. Wood Stain: Color of the handrail wall guard to be selected, by the architect, from the IPC stain selection.
B. Wood Finish: Handrail shall be finished with two coats of pre-catalyzed finish. Finish shall be a low luster satin finish.
C. Stainless Steel: Wall guards shall have a #4 stain finish.

PART 3 EXECUTION

3.01 INSTALLERS

A. Installer should be familiar with the installation of fine finished wood 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.