

TWHR-130 - Extended Mount Wood Hand Rail, 5-1/8" (140mm)

PART 1—GENERAL

1.01 SUMMARY

A. Wall guard system for wall protection and decoration.

1.02 SECTION INCLUDES

A. TWHR-130 Hand/Crash Rail System

1.03 REFERENCES

A. Forest Stewardship Council.

B. Aluminum Association (AA).

C. American Society for Testing and Materials (ASTM)

1. ASTM B 221-93 Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Shapes, and Tubes.

D. Title III of "The Americans with Disabilities Act" 1990 (ADA), Department of Justice.

1.04 SUBMITTALS

A. Submit the following in accordance with Section 01300:

1. Product Data: Manufacturers product specifications, installation and maintenance instructions.

2. Shop Drawings: Show locations, extent, and installation details of each system including method of attachment and adjacent construction.

3. Samples for Selection Purposes: Actual sections of components are available in a convenient but representative size showing full range of colors, textures, and patterns for each type of wall protection system specified.

4. Samples for Verification Purposes

a. Not less than 12 inch (300mm) length of each system component including corners and end caps in selected colors, textures and patterns.

5. Maintenance Instructions: Manufacturers instructions for maintenance of installed work.

1.05 QUALITY ASSURANCE

A. Single Source Responsibility: Furnish all wall protection system components from a single source.

B. Manufacturer: A firm regularly engaged in the manufacture of wall protection system components similar to those specified.

C. Installer: A firm with at least 3 years of successful experience in the installation of wall protection systems similar to those specified.

1.06 DELIVERY, STORAGE AND HANDLING

A. Deliver materials in manufacturers packages properly labeled for identification and for location in the Project. Comply with manufacturers instructions for storage and handling. Damaged and otherwise unsuitable material, when so determined, shall be immediately removed from the Project site.

1.07 PROJECT CONDITIONS

A. Environmental Conditions: Do NOT install wall surface protection systems until the installation area is enclosed and weatherproof, and until the ambient temperature within the building is maintained at not less than 70 degrees F (21 degrees C) for not less than 72 hours prior to installation.

1.08 EXTRA MATERIALS

A. Furnish Owner at least 2 percent of each type, color and pattern of wall surface protection components used on the Project over and above the amount installed.

B. Deliver to Owner at time of final inspection of work under this Section and store where directed in the building.

1.09 WARRANTY

Standard Tepromark Architectural Products, LLC. 1 year warranty against material and manufacturing defects.

PART 2 - PRODUCTS

2.01 MANUFACTURER

A. Acceptable Manufacturer: Tepromark Architectural Products, LLC.

249 5th Street SE, Osseo, MN, 55369, USA; Telephone 763-273-8484,

Fax: 763-273-8485, www.tepromark.com

B. Substitutions: Not permitted.

C. Provide all wall guards and wall protection from a single source.

D. All products are to be manufactured in the USA.

2.02 MANUFACTURED UNITS

A. Wall Guard Profile

1. TWHR-130 Hand/Crash Rail, 5-1/2" (140mm) height.

2. Standard Length: Random lengths 6' to 12'.

2.03 MATERIALS

A. Item 8 Material: All architectural millwork material shall be manufactured from solid hardwood of the specie and finish indicated in project drawings, schedules and specifications and shall conform to AWI standards for custom grade. Forest Stewardship Council (FCS) Certified, kiln-dried select or better Oak, Maple, Ash or Cherry.

1. Handrail Color: Ash Manufacturer's Standards

2. Trim insert and color per manufacturer's standards.

3. Mounting Brackets: Wood mounting brackets to compliment the wood finish of handrail.

4. Fastener: 1/4" - 20 Bolts with type BB Toggler.

2.04 FINISH

A. All architectural millwork material with transparent finish shall be factory finished. All architectural millwork material with opaque finish shall be factory primed. Opaque topcoats, if field applied, shall conform to the appropriate specifications for field applied finishes.

B. The back surface of all materials shall be factory sealed to prevent excessive warping in service.

C. Transparent finish shall be factory applied and shall consist of conversion varnish sealer followed by two topcoats of conversion varnish.

D. Opaque finish (when factory applied) shall consist of a pigmented conversion varnish of the color specified.

E. All finishes shall meet appropriate requirements of AWI custom grade.

PART 3 - EXECUTION

3.01 EXAMINATION

A. Examine areas and conditions in which the wall guard systems will be installed.

1. Complete all finishing operations, including painting, before beginning installation of wall guard system.

B. Wall surface shall be dry and free from dirt, dust, grease, and loose paint.

3.02 PREPARATION

A. General: Prior to installation of wall guard system, clean substrate to remove dust, debris, and loose particles.

3.03 INSTALLATION

A. General: Locate wall guard as indicated on the approved detail drawing for the appropriate substrate. Install wall guard level, plump, and at the height indicated on the appropriate drawing, with surfaces free from distortion or other defects in appearance.

B. Install all wall guard systems in accordance and compliance with Tepromark Architectural Products, LLC. installation instructions.

3.04 CLEANING

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