Wood Wall Slat Panel Manufacturer: Maxxit [www.maxxitgroup.com](http://www.maxxitgroup.com)  Product Name: Tignum Wall Slats

Project: < Name >

Section 06 40 23 – Interior Architectural Millwork

**Part 1 General**

* 1. **Summary**
1. Section includes:
2. 1.5” x 1.5” wood slats. MDF frame with wood veneer exterior.
3. Fire rated particle board panels.
4. Fastening systems. Slat to panel metal track system. Panel to drywall Z clip and rail fastening system.
	1. **Related work in other sections:**

A. Division 1 – “General Conditions” for substitution requests, submittals, etc.

B. Division 6 – “Pre-Finished Paneling

C. Division 9 – “Acoustic Ceilings.”

D. Division 13 – “Integrated Assemblies.”

E. Division 16 – “Electrical” for light fixture coordination.

* 1. **References**

A. Stainless Steel conforming to ASTM A 240.

B. ASTM E84: Standard Test Method for Surface Burning Characteristics of Building Materials; 1991.

C. CAN/ULC-S102 – Method of Test for Surface Burning Characteristics of Building Materials and Assemblies

D. ANSI A208.2 - Medium Density Fiberboard for Interior Use.

E. CARB ATCM 93120 - California Formaldehyde Regulation (CARB rule)

F. AWI: Architectural Woodwork Quality Standards

1. AWI Quality Standards; Sections 100, 200, 400, 500, 600, 700, 1500, and 1700.
	1. **Quality Assurance**
2. Manufacturer Qualifications: Manufacturers other than those listed are required to submit for approval prior to bidding per Section One.
3. Installer Qualifications: Engage an experienced Installer, approved by a wood ceiling & wall manufacturer, who has completed installations similar in species, design, and extent to that indicated for this project and with a record of successful in-service performance.
4. Inspection: All work must pass inspection and approval of architect, as well as the local codes and regulations or authorities having jurisdiction.
5. Single-Source Responsibility for Wood Ceiling & Wall Systems: Obtain each type of wood component from a single fabricator, with in-house shop drawing capabilities, in-house assembly and finishing capabilities, and with resources to provide products of consistent quality in appearance and physical properties without delaying the project.
6. Single-Source Responsibility for attachment system: Obtain each type of attachment system from a single source with resources to provide products of consistent quality in appearance and physical properties without delaying project.
7. Pre-Installation Conference: Conduct conference at Project site to comply with requirements of Division 1 Section "Project Meetings."
	1. **Submittals**
8. Product Data: Submit manufacturer’s technical data for products specified.
9. Submittal Samples: Submit representative samples of each material that is to be exposed in the finished work, showing the full range of color and finish variations. Sample size:
	1. 8” samples of each natural veneer or color matched veneer.
	2. **Shop drawings**
10. Shop Drawings: Submit shop drawings, RCP’s and perimeter conditions for all ceilings & walls. Coordinate layout and installation with ceilings& wall integrations including lighting, HVAC, fire-suppression, access doors and all perimeter conditions.
	1. **Project Conditions**
11. Slats can be installed in temperatures between 50°F (10°C) and 86°F (30°C). Slats or panel not to be used in exterior applications or high moisture environments where water comes in direct contact with the slat or panel.
12. Install only after spaces are enclosed and weather-tight, and after all wet work and overhead work have been completed. Relative humidity shall not fall below 25% or exceed 55%.
	1. **Delivery Storage & Handling**
13. Do not store or install near an exposed flame, source of heat, or source of ignition.
14. Store horizontally in the original, unopened carton in a dry enclosed interior space for at least 72 hours before installation. Clean gloves must be used to avoid fingerprints. It is recommended that two people install each 8’ baffle.
	1. **Extra Materials**: Furnish extra materials described below that match products installed, are packaged with protective covering for storage, and are identified with labels clearly describing contents.
15. Wood slat panels: Furnish full-size units equal to 2.0 percent of amount installed.
16. Attachment system components: Furnish quantity equal to 2.0 percent of amount installed.

**1.95 Warranty**: Provide owner with a (1) year warranty for material and workmanship on all installed products.

1. Manufacturers: All materials, wood ceiling shall be warranted for (1) one year limited, from date of installation.

**Part 2 – Products**

**2.1 Wood slat wall system**

1. Basis of design; Manufacturer – Maxxit ([maxxitgroup.com](https://maxxit.sharepoint.com/Shared%20Documents/Marketing/Marketing%20Literature/3%20Part%20Specs/maxxitgroup.com)) Product – Tignum Wood Slat Wall. Substitutions require prior approval by the architect.

**2.2 Wood baffle and beam ceilings and walls**

Basis of design Tignum Wal Slats

1. Wood Slats: 1.5” x 1.5” x < length”>

1. Species: <Species>
2. Baffle/beam size: <Width x height x length>
3. Fire Rating: <Fire Rating Class, Method>
4. Finish: <Finish>
5. FSC < yes/no>

**2.3 Attachment systems** – provide standard Z clip panel attachment systems and mfg. supplied fasteners.

1. Complies with applicable codes <Seismic, fire, other>
2. Wall slat to panel attachment Manufacturer supplied metal track system
3. Panel to wall attachment Manufacturer supplied Z Clip system

**Part 3 - Execution**

3.1 EXAMINATION

1. General: Examine substrates and building conditions with installer present that affect ceiling & wall installation before installation begins. Do not proceed with installation until unsatisfactory conditions have been corrected.
2. Ensure that site readiness and environmental conditions are satisfactory prior to installation.

3.2 INSTALLATION

1. Install Tignum wall slats in compliance with:
2. CISCA recommendations.
3. Maxxit written installation instructions.
4. Local building codes and requirements.
5. Approved shop drawings.

3.4 CLEANING

A. Comply with manufacturer's instructions for cleaning and touchups.

**End of section**