Wood Ceiling & Wall - Partitions Manufacturer: Maxxit [www.maxxitgroup.com](http://www.maxxitgroup.com)  Product Name: Tignum

Project: < Name >

Section 10 22 19.23 Demountable Wood Partitions

**Part 1 General**

* 1. **Summary**
1. Section includes:
2. Wood Partitions Systems
3. Attachment for wood partitions
	1. **Related work in other sections:**
	2. Related Sections / Work:
	3. Sections 05 40 00 – Cold-Formed Metal Framing
	4. Sections 09 90 00 – Paintings and Coatings
	5. Division 23 – Heating, Ventilating and Air Conditioning
	6. **References**
4. ASTM E84: Standard Test Method for Surface Burning Characteristics of Building Materials; 1991.
5. H. CAN/ULC-S102 – Method of Test for Surface Burning Characteristics of Building Materials and Assemblies
6. AWI: Architectural Woodwork Quality Standards
7. CISCA: Ceiling Systems Handbook
8. CISCA: Wood Ceilings Technical Guidelines
	1. **Quality Assurance**
9. Manufacturer Qualifications: Manufacturers other than those listed are required to submit for approval prior to bidding per Section One.
10. Installer Qualifications: Engage an experienced Installer, approved by wood ceiling manufacturer, who has completed panel ceilings similar in species, design, and extent to that indicated for this Project and with a record of successful in-service performance.
11. Inspection: All work must pass inspection and approval of architect, as well as the local codes and regulations or authorities having jurisdiction.
12. Single-Source Responsibility for Wood Ceiling System: Obtain each type of wood ceiling components 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.
13. Single-Source Responsibility for Suspension System: Obtain each type of suspension system from a single source with resources to provide products of consistent quality in appearance and physical properties without delaying project.
14. Pre-Installation Conference: Conduct conference at Project site to comply with requirements of Division 1 Section "Project Meetings."
	1. **Submittals**
15. Product Data: Submit manufacturer’s technical data for products specified.
16. 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. 12” x 8” samples of each natural veneer or color matched veneer.
	2. **Shop drawings**
17. Shop Drawings: Submit shop drawings, RCP’s and perimeter conditions for all ceilings. Coordinate ceiling layout and installation with ceilings integrations including lighting, HVAC, fire-suppression, and all perimeter conditions.
	1. **Project Conditions**
18. Partitions can be installed in temperatures between 50°F (10°C) and 86°F (30°C). Partitions not to be used in exterior applications or high moisture environments where water comes in direct contact with the baffle.
19. 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**
20. Do not store or install near an exposed flame, source of heat, or source of ignition.
21. 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.
22. Wood partitions: Furnish full-size units equal to 2.0 percent of amount installed.
23. 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 Partitions**

1. Basis of design; Manufacturer – Maxxit (<maxxitgroup.com>) Product – Tignum Partitions. Substitutions require prior approval by the architect.
2. PARTITION SYSTEM -Provide a partition system consisting of a series of individual, floor and ceiling supported, [[floor-to-ceiling] [partial height]] [[site assembled] [factory assembled]] slats as shown. [Provide a system that allows for removal and re-installation of slats at any position, without disturbing adjacent slat sections. Provide slats that are removable, reusable, and attached to the top and bottom channels with channels or concealed brackets/ fasteners. Provide a top channel that holds slats in place and accommodates floor-to-ceiling variations. System must be capable of attaching to multiple standard ceiling and floor types in a non-marring manner. Provide floor attachment fastening. Installation, modifications, and removal of the system must not damage adjacent building surfaces and elements.

**2.2 Wood Partitions**

Basis of design Tignum Partitions

1. **Wood slats**: Engineered wood, vertical slats

1. Species: <Species>
2. Slat size: <Width x height x length>
3. Attachment method: <floor and ceiling channel, concealed brackets>
4. Fire Rating: <Fire Rating Class, Method>
5. Finish: <Finish>
6. FSC < yes/no>

**2.3 Attachment** – provide standard floor and ceiling channels and brackets for partition attachment.

1. Complies with applicable codes <Seismic, fire, other>
2. Tignum partitions <floor and ceiling channels, concealed fastening brackets>
3. Attachment hardware mfg. supplied < brackets, screws>

**Part 3 - Execution**

3.1 EXAMINATION

1. General: Examine substrates and building conditions with installer present that affect partition 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 partitions 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**