

## **PART 1 - GENERAL**

### **1.1 RELATED REQUIREMENTS**

- .1 Section 06 10 53 - Miscellaneous Rough Carpentry: Incorporation of treated wood into wood frame construction and other carpentry work; sustainability requirements for wood products.

### **1.2 REFERENCE STANDARDS**

- .1 ASTM International
  - .1 ASTM A 480/A 480M-17 Standard Specification for General Requirements for Flat-Rolled Stainless and Heat-Resisting Steel Plate, Sheet and Strip.
- .2 American Wood-Preservers' Association (AWPA)
  - .1 AWPA M2-15, Standard for Inspection of Treated Wood Products.
  - .2 AWPA M4-15, Standard for the Care of Preservative-Treated Wood Products.
- .3 CSA Group
  - .1 CSA O80 Series-2015, Wood Preservation.

### **1.3 ACTION AND INFORMATIONAL SUBMITTALS**

- .1 Submit Submittal submissions: in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Quality assurance submittals:
  - .1 Submit certificates in accordance with Section 01 33 00 - Submittal Procedures.
  - .2 For products treated with preservative by pressure impregnation submit following information certified by authorized signing officer of treatment plant:
    - .1 Information listed in AWPA M2 and revisions specified in CSA O80 Series, Supplementary Requirement to AWPA M2 applicable to specified treatment.
    - .2 Moisture content after drying following treatment with water-borne preservative.
    - .3 Acceptable types of paint, stain, and clear finishes that may be used over treated materials to be finished after treatment.
  - .3 Recommended metal connector and fastener materials and corrosion protection.
  - .4 Product recommendation for field treatment.

### **1.4 DELIVERY, STORAGE AND HANDLING**

- .1 Deliver, store and handle materials in accordance with Section 01 61 00 Common Product Requirements, with AWPA M4 and with manufacturer's written instructions.
- .2 Delivery and Acceptance Requirements: deliver materials to site in original factory packaging, labelled with product category, manufacturer's name and address.

## **PART 2 - PRODUCTS**

### **2.1 SUSTAINABLE REQUIREMENTS**

- .1 Materials and products in accordance with Section 01 47 15 – Sustainable Requirements

### **2.2 SUSTAINABLE REQUIREMENTS**

- .1 Materials and products in accordance with Section 01 47 15 - Sustainable Requirements: Construction.
- .2 Preservatives: maximum VOC limit 350 g/L in accordance with SCAQMD Rule #1113, Architectural Coatings.
- .3 Wood preservation plants: certified by Canadian Wood Preservation Authority (CWPCA) to Environment Canada Technical Recommendation Document for the Design and Operation of Wood Preservation Facilities.

### **2.3 PRESERVATIVE TREATED WOOD MATERIALS AND APPLICATION**

- .1 Provide preservative treated lumber and plywood in accordance with CSA O80 Series standards as specified below.
- .2 Decking, above ground, exterior:
  - .1 Use Category: 3.2
  - .2 Clause: 8.2
- .3 Deck joists and support posts in ground contact:
  - .1 Use Category: 4.1
  - .2 Clause: 8.2

### **2.4 CORROSION PROTECTION FOR CONNECTORS AND FASTENERS FOR USE WITH TREATED WOOD**

- .1 Connectors: Fabricated from Type 304/316 stainless steel sheet to ASTM A 480.
- .2 Fasteners: Type 304/316 stainless steel to ASTM A 480.

### **2.5 PRESERVATIVE FOR FIELD TREATMENT**

- .1 Type recommended by manufacturer to suit specified pressure treated products.

**PART 3 - EXECUTION**

**3.1 CONSTRUCTION**

- .1 Incorporate treated wood products into construction in accordance with Section 06 10 53`.
- .2 Use connectors and fasteners with specified corrosion protection in all construction with treated wood products.
- .3 Provide barrier membrane where indicated.

**3.2 FIELD TREATMENT**

- .1 Comply with AWP A M4 and revisions specified in CSA O80 Series, Supplementary Requirements to AWP A M2.
- .2 Re-treat surfaces exposed by cutting, trimming or boring with liberal brush application of recommended preservative before installation.
- .3 Remove chemical deposits from surfaces of treated wood to receive applied finish.

**END OF SECTION**