

3-PART SPECIFICATION GUIDE

For more information: 1-866-204-3139



SECTION –06073 – FIRE RETARDANT TREATED OSB BOARD

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. Fire-retardant treated OSB Board for use in the following applications:
 - 1. Roof sheathing.
 - 2. Wall sheathing.
 - 3. Decking.
 - 4. Sub-floors.

1.02 RELATED SECTIONS

- A. Section 06100 – Rough Carpentry: Additional product requirements for OSB board to be treated.
- B. Section 06200 – Finish Carpentry: Additional product requirements for OSB board to be treated.
- C. Section 06400 – Architectural Woodwork: Additional product requirements for OSB Board to be treated.

1.03 REFERENCES

- A. American Society for Testing and Materials (ASTM)
 - 1. ASTM E 84 –Standard Test Method for Surface Burning Characteristics of Building Materials.
 - 2. ASTM D 3043 –Standard Test Method for Testing Structural Panels in Flexure.
 - 3. ASTM D 3201 –Standard Test Method for Hygroscopic Properties of Fire-retardant Wood and Wood-Base Products.
- B. Intertek-ETL Semko (Warnock-Hersey) ASTM E 84 – Standard Test Method for Surface Burning Characteristics of Building Materials, Extended to 30 minutes.
 - 1. Class ‘A’ Flame Spread Rating
 - 2. Class “1” Smoke Development Value Rating
- C. Professional Services Industries, Inc. / Pittsburgh Testing Laboratory (PSI/PTL)
 - 1. PS2-04 Certification

1.04 SUBMITTALS

- A. Submit under provision of Section 01300.
- B. Product Data: Submit product data, including manufacturer's product sheet.
- C. Samples: Supply samples for finishing where finish samples are required by other sections of the specifications.
- D. Closeout Submittals: Submit the following:
 - 1. Warranty: Warranty documents specified herein.

1.05 QUALITY ASSURANCE

- A. Treated Wood Manufacturer Qualifications: Experienced wood treatment firm, specialized in treatment of wood similar to that required for project, licensed by preservative manufacturer, and able to submit test reports showing successful treatment to retention level specified and evidence of ongoing independent third party inspection for products specified.

1.06 DELIVERY, STORAGE, AND HANDLING

- A. Prevent exposure to precipitation during shipping, storage or installation. Replace fire retardant wood that has become wet during shipping, storage or installation.

1.07 WARRANTY

- A. Manufacturer's warranty: Provide manufacturer's 20-year warranty for all recommended applications. This warranty is an addition to, and not a limitation of, other rights the Owner may have under Contract Documents.

PART 2 – PRODUCTS

2.01 MANUFACTURERS

- A. FLAMEDXX, LLC - PO Box 280448, Nashville, TN 37228. Tel: (866) FLAMEDXX or (615) 297-2000. Fax: (615) 297-2001. E-mail: info@flamedxx.com. Website: www.flamedxx.com
- B. Substitutions: Not Permitted.

2.02 MATERIALS

- A. Fire retardant treated OSB Board.
 - 1. Species and grades: as specified in section 06100 or by the design criteria of the intended application.

2. Bearing the wood treatment plant's quality mark indicating the following; use either permanent ink stamp or stapled-on plastic end tag except on architectural woodwork use only a removable tag.
 - a. Manufacturer's name.
 - b. Treatment plant name.
 - c. Identification of independent inspection agency. (USTC)

PART 3 – EXECUTION

3.01 INSTALLATION

- A. Comply with manufacturers standard instructions and conform to other sections governing products made of wood and applicable codes.
 1. Use grades as specified and sizes based on manufacturer's published design values.
 2. Comply with manufacturer's safety recommendations.
- B. Do not install treated board that is wet.
- C. Provide ventilation of building cavities as required by code.

END OF SECTION