

NOW, SPECIFIERS CAN GET CODE-COMPLYING FIRE RESISTANCE WITH OSB

Specifiers, owners, and fire officials have recognized the economy and environmental features of oriented strand board, but OSB panels cannot be pressure-treated with fire retardant. Now there is no need to sacrifice economy for fire resistance – FLAMEDXX® factory-coated fire retardant OSB has proven it can meet the same demanding requirements as fire retardant treated plywood produced by pressure treatment.

FACT FLAMEDXX® coated OSB has a flame spread rating of 10 and a smoke index of 20, thus qualifying for Class A designation.

Confirmation: Testing in accordance with ASTM E 84, Standard Test Method for Surface Burning Characteristics of Materials.

FACT FLAMEDXX® coated OSB has shown no progressive combustion in the 30-min. test.

Confirmation: Testing in accordance with ASTM E 84, Standard Test Method for Surface Burning Characteristics of Materials, Extended.

FACT FLAMEDXX® coated OSB has been strength-tested and found to have insignificant loss compared to uncoated OSB.

Confirmation: Testing in accordance with ASTM D 5516, Flexure Properties of Fire Treated Products.

FACT FLAMEDXX® coated OSB has shown insignificant strength losses due to elevated temperature and humidity.

Confirmation: Computations made using ASTM D 6305-02, Standard Practice for Calculating Bending Strength Design Adjustment Factors for Fire-Retardant-Treated Plywood Roof Sheathing.

FACT Smoke from FLAMEDXX® coated OSB is no more toxic than smoke from untreated wood.

Confirmation: Testing in accordance with BSS 7239-88, Toxic Gas Generation by Materials on Combustion, and with UPITT Test for Combustion Product Toxicity.

FACT FLAMEDXX® coated OSB is accepted by the City of New York.

Confirmation: MEA 628-06-M from the Department of Buildings, Materials & Equipment Acceptance Unit.

FACT FLAMEDXX® coated OSB meets criteria for fire-classified roof covering and fire-resistance-rated wall assemblies.

Confirmation: Details documented in IAPMO evaluation report ES 0158.

FACT FLAMEDXX® coated OSB has met flame and char requirements in a room fire test.

Confirmation: Testing in accordance with UL 1715, Room Fire Test.

FACT FLAMEDXX® coated OSB is no more corrosive to metal hardware than uncoated controls.

Confirmation: Testing in accordance with AWWA E12-08, Standard Method of Determining Corrosion of Metal in Contact with Treated Wood, using aluminum, mild steel, and hot dipped galvanized steel coupons.

FACT FLAMEDXX® coated OSB is manufactured in a controlled factory setting with third-party monitoring.

Confirmation: The production process is inspected by Intertek and each panel bears the Warnock Hersey mark.

FACT Every unit of FLAMEDXX® coated OSB is wrapped before shipment for protection from weather.

Confirmation: Required by developer.

FACT FLAMEDXX® coated OSB has been issued a code evaluation report.

Confirmation: See IAPMO evaluation report ES 0158.



FLAMEDXX and the XX logo are registered trademarks of FLAMEDXX, LLC. FLAMEDXX® coated OSB is manufactured by FLAMEDXX, LLC and distributed through Arch Wood Protection, Inc.



The tests cited above, all of which were conducted by independent organizations, represent a level of fire resistance equivalent to that of pressure-treated wood panels. As a result, specifiers can select FLAMEDXX® coated OSB with confidence that it will perform effectively in appropriate applications.