

## **BUILDING PRODUCTS LISTING PROGRAM**

Customer: Eco Building Products, Inc.  
Class: Fire Retardant Treatment  
Location: San Diego, CA  
Website: www.ecob.net

Listing No. B1053-1  
Project No. B1053-1 Edition 3  
Effective Date: August 31, 2012  
Last Revised Date: July 1, 2016  
Expires: <N/A>

Standards: ASTM E84 - "Standard Test Method for Surface Burning Characteristics of Building Materials".

UL 723 – "Standard for Test for Surface Burning Characteristics of Building Materials" extended for 20 minute duration.

NFPA 255 - "Standard Method of Test of Surface Burning Characteristics of Building Materials" extended 20 minutes.

UBC 8-1 - "Test Method for Surface-Burning Characteristics of Building Materials" extended 20 minutes duration.

ASTM E2768 – "Standard Test Method for Extended Duration Surface Burning Characteristics of Building Materials (30 min Tunnel Test)"

Product: Eco Red Shield™ (FT) Fire Treated Wood Products

Markings: Product is marked with labels supplied by Eco Building Products, Inc. The label includes the manufacturer's name, trademark, or other recognized symbol of identification, the product model designation, month and year of manufacture or equivalent on the label or stamp, QAI logo with the 'US' identifier, and ASTM E84/ASTM E2768 FSI and SDI Rating. Labels are applied to bundled treated wood products for large shipments, and to each treated wood product for small shipments to ensure visibility on the jobsite.

Models /

Ratings: The following outlines Eco Red Shield™ (FT) Fire Treated product test results determined in accordance with the noted standards in accordance with ASTM E84 extended 20 minutes, UL 723 extended 20 minutes, NFPA 255 extended 20 minutes, UBC 8-1 extended 20 minutes, and ASTM E2768.

Eco Red Shield™ (FT) Fire Treated is Factory Applied Treatment Impregnating On All Six Sides Over Douglas-Fir (DF-L) and Spruce-Pine-Fir (SPF) Dimensional Solid Sawn Lumber:

LUMBER PRODUCTS	Species	FLAME SPREAD INDEX	SMOKE DEVELOPED INDEX	FLAME FRONT	MINIMUM TREATMENT COVERAGE
2x2, 2x4, 2x6, 2x8, 2x10, 2x12, 4x4 Sizes	Douglas Fir (DF-L)	Maximum ≤25	Maximum ≤25	< 10.5 ft.	11.5 grams/ft <sup>2</sup>
2x2, 2x4, 2x6, 2x8, 2x10, 2x12, 4x4 Sizes	Spruce-Pine-Fir (SPF)	Maximum ≤25	Maximum ≤25	< 10.5 ft.	11.5 grams/ft <sup>2</sup>

Note 1: These results do not apply to engineered wood products, or sheathing products.

Note 2: Strength Adjustment factors are not within the scope of this QAI listing.

Note 3: Eco Red Shield™ (FT) Fire Treated is not for use in conditions exposing the product to weathering.

Notes: Final acceptance of the product in the intended application is to be determined by the authority having jurisdiction.

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