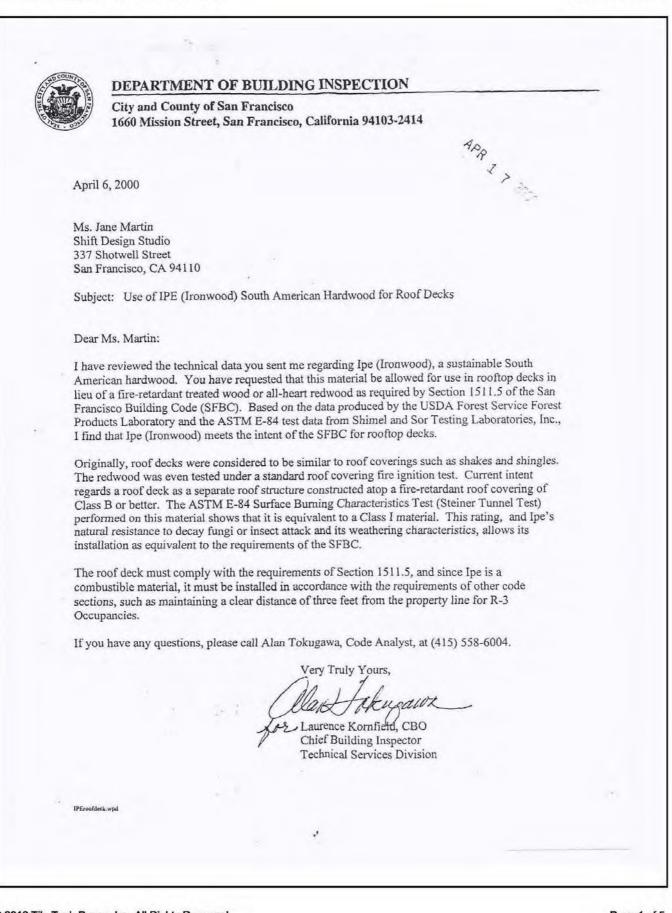


IPE WOOD TILES TEST REPORTS





IPE WOOD TILES TEST REPORTS

	DEPARTMENT OF BUILDINGS EXECUTIVE OFFICES 60 HUDSON STREET, NEW YORK, NY 10013-3	
MY Done 575 874	Satish K. Babbar, R.A., Acting Commission (646) 248-8000, TTY: (646) 248-8188 Website NYC gov/buildings <u>JJJ Fishes</u> Date: NC <u>Ave 22nd</u> J0018	Siun Derkhidam Assistant Mechanical Engine Materials and Equipment Acceptance Division (646) 248-8333 Fax (646) 248-8065/8319

Enclosed is a final official signed copy of MEA acceptance of your product(s). MEA 220-01-M which you may use as proof of your product(s) acceptance in New York City.

This document together with proper labeling and installation in accordance with New York City Building Code will enable the inspector to know that the product(s) installed is (are) legal.

All shipments and deliveries of accepted materials to the job site are required to be labeled or tagged in accordance with the format below:

Accepted For Use City of New York Department of Buildings MEA

Company Name

Very truly yours,

Sim Derk

Siun Derkhidam Assistant Mechanical Engineer Materials and Equipment Acceptance



TEST REPORTS

CITY OF NEW YORK DEPARTMENT OF BUILDINGS

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use in accordance with the Report of Materials and Equipment Acceptance (MEA) Division.

MEA 220-01-M

Report of Material and Equipment Acceptance Division Manufacturer - Timber Holding, Ltd., 2400 West Cornell Street, Milwaukee, Wisconsin 53209.

Trade Name - Ironwood.

Product - Naturally fire retardant wood.

Pertinent Code Section(s) - 27-328.

Test(s) - RS 5-5 (ASTM E84).

Laboratory - Shimel and Sor Testing Laboratories, Inc.

Test Report(s) - Report No. 89-8007 dated December 18, 1989.

Description - Naturally fire retardant wood identified as "Tabebui SPP" was tested in Shimel and Sor Testing Laboratories, Inc. for the following:

Strength Properties: ASTM-D143 Surface Burning Characteristics: ASTM-E84 Specific Gravity and Unit Weight: ASTM-D143

TEST RESULTS

1. Physical Properties

Property	Results (*)
Bending Strength, psi	10,309
Compression parallel to grain, psi	12,100
Compression perpendicular to grain, psi	2,981
Shear Parallel to grain, psi	1,245
Modulus of Elasticity, psi	3,312,000
Unit Weight, as received, pcf	66.4
Unit Weight, after ovendrying, pcf	60.5

(*) Each test result is the average of three specimens.

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2. Surface Burning Characteristics

Type of Test	Results
Flame Spread (10 minutes)	0
Flame Spread (30 minutes)	5
Smoke Developed Values (10 minutes)	3
Fuel Contribution (10 minutes)	0

Note: Toxicity test was not performed.

Recommendation - That the above described naturally fire retardant wood be accepted as complying with the requirements of Code Section 27-328 as fire retardant wood with a flame spread rating of 25 or less, classification of "A", with a smoke developed rating of 25 or less, for outdoor installation, under the following conditions:

- Use of described materials shall be in conformance with Code Section 27-328 and the additional Code Sections covering the specific intended use.
- The materials shall bear the identification of a testing laboratory or agency certifying to conformance with the production and performance requirements enumerated in the prescribed Code Reference Standard.
- 3. The acceptance of these materials is limited to combustible classification in accordance with flame spread and smoke developed only but does not include fire resistance rating. Structural and other requirements shall be in compliance with code provisions applicable to the specific application.
- 4. All shipments and deliveries of such materials shall be accompanied by a certificate or label, certifying that the materials shipped or delivered are equivalent to those tested and acceptable for use, as provided for in Article 27-131 of the Building Code.

Final Acceptance NOV/26/01 Examined By S Derphiler

MEA 220-01-M

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