

**DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
FEDERAL HOUSING ADMINISTRATION**

Series and Series No.

**USE OF MATERIALS
BULLETIN NO. 52a**

TO: AREA OFFICE DIRECTORS
INSURING OFFICE DIRECTORS

Date October 7, 1975

SUBJECT: QUALITY CERTIFICATION AND LABELING FOR WOOD FLUSH DOORS

Members of the HUD Staff processing cases and inspecting construction shall use this information in determining acceptability of the subject material for the uses indicated.

This bulletin should be filed with Bulletins on Special Methods of Construction and Materials as required by prescribed procedures. Additional copies may be requisitioned by the field offices.

The technical description, requirements and limitations expressed herein do not constitute an endorsement, approval or acceptance by the Federal Housing Administration of the subject matter, and any statement or representation, however made, indicating approval or endorsement by the Federal Housing Administration is unauthorized and false, and will be considered a violation of the United States Criminal Code 18, U.S.C. 709.

Any reproduction of this bulletin must be in its entirety and any use in sales promotion or advertising is not authorized.

Subject to good workmanship, compliance with local codes, and the methods of application listed herein, the materials described in the bulletin may be considered suitable for FHA mortgage Insurance or Low Rent Public Housing Programs.

The eligibility of a property under these Programs is determined on the property as an entity and involves the consideration of underwriting and other factors not indicated herein. Thus, compliance with this bulletin should not be construed as qualifying the property as a whole, or any part thereof, as to its eligibility.

The methods of application for the materials listed herein are to be considered as part of the HUD Minimum Property Standards and shall remain effective until this bulletin is cancelled or superseded.

I. GENERAL:

This bulletin establishes criteria for the acceptance of Type I (exterior) and Type II (interior) wood flush doors as required by paragraph 508-3.2 of HUD Minimum Property Standards. The standard for the wood flush door certification and labelling program shall be the National Woodwork Manufacturers Association Industry Standard NWMA I. S. 1-73, or latest revision.

II. PURPOSE:

This labelling and certification program was developed to insure the user of an acceptable level of product performance and provide for the latest product innovation and technical advancement consistent with maintaining or increasing the level of quality performance.

The National Woodwork Manufacturers Association (NWMA) Industry Standard's program is an outgrowth of the Commodity Standards program of the U. S. Department of Commerce and was initiated by NWMA to keep current standards available to producers and users of wood flush doors.

III. REQUIREMENTS:

Exterior wood flush doors shall be Type I. Interior doors may be Type I or Type II.

Type I exterior wood flush doors identified or represented as conforming to this standard shall be labelled, grade marked, certified, or suitably identified by the manufacturer with the quality certification mark of a qualified independent testing and inspection bureau. In addition to labelling Type I doors, this quality certification program further identifies Type I doors with a colored plastic plug described in the designation key as shown in this bulletin and in the NWMA standard.

Type II interior wood flush doors identified or represented as conforming to this standard shall bear a label or be otherwise suitably identified as to the name of the manufacturer and compliance with this standard based upon a certificate of inspection and testing by a qualified testing and inspection bureau.

Certification programs shall comply with the procedures set forth in ANSI Z34.1-47, R59, "American Standard Practice for Certification Procedures," contained in FHA Circular No. 4510.1, dated May 13, 1968.

Certification may be by association, institute, bureaus or licensed independent testing laboratories recognized as qualified to perform the required testing and quality control.

Tests and inspections shall be conducted in two stages: (1) initial tests and inspection to determine initial qualification and (2) continuing periodic tests and inspection (minimum of one every six months) by the testing agency to determine continued qualification.

IV. TESTING AND CERTIFICATION

The testing agency shall establish copyright marks which will identify the product on which placed as to source of manufacture, type, quality and conformance with applicable standard. Reproducible facsimiles (e.g., black, red or green on white or aluminum field) shall be submitted to HUD/FHA for distribution to their local field offices.

In advance of any production which is to bear its mark, the testing agency shall carefully examine the glue formulae, gluing techniques, and facilities of the manufacturer to produce a quality-controlled product, and shall thereafter continue to control the quality of any product which bears its mark.

Labels, grade marks, stamps and certificates issued by an independent qualified testing and inspection bureau shall (1) identify this standard; (2) identify the testing and inspection bureau issuing label (mark), stamp or certificate; and (3) give the name or code of the manufacturer. The grade of door, Premium grade, Good grade or Sound grade, may be included on the labels issued by the testing and inspection bureau or placed on the unit by the manufacturer. A facsimile of the permanent glue bond indicator used by the manufacturer to identify Type I doors shall be submitted to HUD/FHA at the time labels are submitted along with the following test data:

(1) Boil Test - (NWMA I. S. 1-73) - Type I Doors

(2) 3 Cycle Soak Test - (NWMA I. S. 1-73) - Type II Doors

The testing agency shall agree to maintain continuing control over the quality of the product, and to allow its copyrighted marks to be placed only on those products which fully meet the standards of quality set forth in HUD Minimum Property Standards and the applicable NWMA standards, including future revisions of this standard, subject to their acceptance by HUD/FHA.

Continuing quality control shall be construed to mean inspection of veneers, glue bond and other materials making up the product, and periodic laboratory tests of the finished product which is to bear the mark of the testing agency.

When a client's product fails to meet the specified standards of quality, the testing agency specifically agrees to withdraw the use of its mark or marks without delay.

Improperly labelled material, counterfeiting of labels, or other improper inspection practices, if encountered by inspectors, should be reported by the HUD local office to the Architecture and Engineering Division for possible federal action.

V. OTHER ACCEPTABLE LABELS

Manufacturers that have testing programs in conjunction with qualified independent testing laboratories will include the following information on their labels. The format is suggested for uniformity to show the necessary information in one place and simplify inspection by our local offices. This label may be a part of larger label and can be adjusted in size and shape.

2. Applicable Standard (Latest Issue)			
1. Name and Address of Manufacturer (Fabricator)		CONFORMS TO NWMA I. S. 1-73 In accordance with ANSI Z34.1	3. Name and Address of Independent Testing Laboratory

VI. QUALITY CERTIFICATION LABELS OF INDEPENDENT PROGRAMS

The following labels represent the testing and inspection bureaus whose programs for testing and certification of exterior wood flush doors have been accepted by HUD/FHA. This acceptance is based on a certificate or inspection by such bureaus that the manufactured doors labelled by the captioned testing and inspection agency complies with the requirements of HUD Minimum Property Standards, paragraph 508-3.2, and the NWMA Industry Standard 1-73 (or latest issue). As an additional means of identifying doors produced in conformance with these standards, a permanent plug (see labels below) is inserted within 2 inches of the joint in the stile or top rail of Type I doors.

QUALITY CERTIFICATION MARKS FOR WOOD FLUSH DOORS

DESIGNATION KEY: (1) NWMA Standard governing manufacture, (2) Testing and Inspection Agency, (3) Door Manufacturer or No., (4) Grade (optional on label).

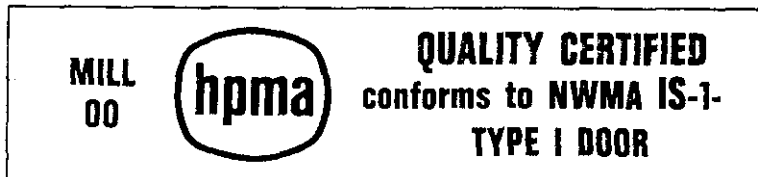
TYPICAL EDGE STAMP OF TESTING AND INSPECTION AGENCY (Labels shown 3/4 actual size) TYPE I GLUE BOND INDICATOR



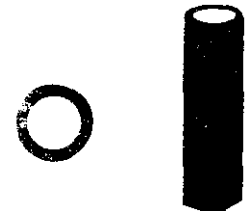
National Woodwork Manufacturer's Assoc.
400 W. Madison St., Chicago, Ill. 60606



CROSS SECTION
Red plug-Actual size
1/8"x 1/4"x 3" long



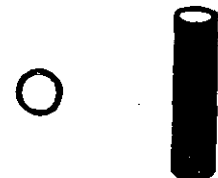
Hardwood Plywood Manufacturer's Assoc.
2310 S. Walter Reed Dr., Arlington, Va. 22206



CROSS SECTION/ELEVATION
Red plug - Actual size
1/4" dia. x 3" long



El Paso Testing Laboratories
P.O. Box 1565, El Paso, Texas 79948



CROSS SECTION/ELEVATION
Green plug - Actual size
3/16"x 3/16" x 2 1/2" long



Applied Research Laboratories, Inc.
650 Palm Ave., Hialeah, Fla. 33010

Manufactured by:



CROSS SECTION
Red plug - Actual size
1/4" diam. x 3" long