

DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT	USE OF MATERIALS BULLETIN NO 89
ASSISTANT SECRETARY FOR HOUSING FEDERAL HOUSING COMMISSIONER	Date Issued: August 15, 1993
TO: DIRECTORS, HOUSING DEVELOPMENT DIVISION	
SUBJECT: HUD BUILDING PRODUCT STANDARDS AND CERTIFICATION PROGRAM FOR EXTERIOR INSULATED STEEL DOOR SYSTEMS	

Members of the HUD staff processing cases and inspecting construction, shall use this information in determining acceptability of the subject products for the use 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 Department of Housing and Urban Development (HUD/FHA) of the subject matter, and any statement or representation, however made, indicating approval or endorsement by the Department of Housing and Urban Development 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 applicable codes, and the methods of application listed herein, the products described in this bulletin may be considered suitable for HUD housing programs, including Housing for the Elderly and Care-Type Housing.

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 method of application for the products listed herein are considered a part of the HUD Minimum Property Standards and shall remain effective until this bulletin is cancelled or superseded.

HUD BUILDING PRODUCT STANDARDS AND CERTIFICATION PROGRAM  
FOR EXTERIOR INSULATED STEEL DOOR SYSTEMS

GENERAL - ADMINISTRATIVE AND PROCEDURES:

This certification program shall be administered by organizations that qualify under the Administrator Qualifications and Procedures of the HUD Building Product Standards and Certification Program, described in 24 CFR 200.935, except as modified by the provisions of this Use of Materials Bulletin No. 89. Copies of these Administrator Qualifications and Procedures for the HUD Building Products Standards and Certification Program may be obtained from:

Department of Housing & Urban Development  
Office of Manufactured Housing & Regulatory Functions  
451 Seventh Street, SW, Attention Mail Room B-133  
Washington, DC 20410

The procedures for carrying out the certification program for exterior insulated steel door systems shall be in accordance with 24 CFR Section 200.935 and with Section 200.949 which supplements 200.935 by providing that:

1. The certification label containing the Administrator's mark shall be permanently affixed on the product.
2. The following additional information shall be on the certification label:
  - (a) The manufacturer's name.
  - (b) The manufacturer's statement of conformance to UM 89.
3. At least once every four years, the administrator shall visit the manufacturer's facility to select a sample for testing in a laboratory approved by the administrator.
4. The administrator also shall review the quality assurance procedures twice a year to assure that they are being followed by the administrator.

STANDARDS:

All exterior insulated steel door systems shall be tested, in conformance with the following standards:

1. \*ASTM A591-89 "Specification for Steel Sheet, Cold-Rolled Electrolytic Zinc Coated for Light Coating Misc Applications", Class B
2. \*\*ISDSI-100-90 "Door Size Dimensional Standard and Assembly Tolerances for Insulated Steel Door Systems"
3. ISDSI-101-90 "Air Infiltration Performance Standard for Insulated Steel Door Systems"
4. ISDSI-102-90 "Installation Standard for Insulated Steel Door Systems"
5. ISDSI-104-90 "Water Penetration Performance Standard for Insulated Steel Door Systems"
6. ISDSI-105-90 "Mechanical Performance Standard for Insulated Steel Door Systems"
7. ISDSI-106-90 "Test Procedure and Acceptance Criteria for Prime Painted Steel Surfaces for Steel Doors and Frames"
8. ISDSI-107-90 "Thermal Performance Standard for Insulated Steel Systems and Weatherstrip Frame Assemblies"
9. ASTM F476-84 "Standard Test Method for Security of Swinging Door Assemblies" (Section 18 Door Impact Test)

\*Copies are available from the American Society of Testing and Materials, 1960 Race Street, Philadelphia, PA 19103

\*\*Copies are available from the Insulated Steel Door Institute, 712 Lakewood Center North, 14600 Detroit Ave, Cleveland, OH 44107

INSTALLATION:

The installation of exterior insulated steel door systems shall be in accordance with the manufacturer's installation instructions.

ADMINISTRATORS:

Qualified organizations interested in becoming Administrators under the HUD Building Product Standards and Certification Program for Exterior Insulated Steel Door Systems shall submit their request to HUD Headquarters, Office of Manufactured Housing & Regulatory Functions, 451 7th Street, SW, Attention Mail Room B-133, Washington DC 20410.

HUD Field Offices will maintain a file of all directories furnished by the Administrators and accept only products listed in the directories. The accepted by HUD as qualified to validate exterior insulated steel door systems under Use of Materials Bulletin No. 89 will be listed in the final rule.

FACSIMILES OF LABELS FOR ACCEPTED ADMINISTRATORS



National Accreditation & Management Inst. Inc.  
152 Leader Heights Road  
York, Pa. 17403



Warnock Hersey International Inc.  
117 E. 8th St. Suite 520  
Long Beach, Ca. 90813

Southwest Research Institute Inc.  
6220 Culebra Road  
San Antonio, Tx. 78228