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DEPARTMENT OF HOUSING
AND URBAN DEVELOPMENT

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OPERATION

Break- through



U.S. Department of Housing and Urban Development

NBS REPORT 10214

1 JULY 1970

References from
Guide Criteria
for

OPERATION BREAKTHROUGH
HOUSING SYSTEMS

NBS PROJECT

4213400-42100

Prepared for
Office of Research and Technology
Housing and Urban Development
Washington, D.C. 20410

U.S. DEPARTMENT OF COMMERCE
NATIONAL BUREAU OF STANDARDS REPORT

References from Guide Criteria for
Operation BREAKTHROUGH Housing Systems

ABSTRACT

This document is prepared to assist the user of the Guide Criteria for the Evaluation of Operation BREAKTHROUGH Housing Systems (NBS Report 10200) in the procurement of standards referenced in the text of the four volumes of the Guide Criteria. The listings are divided into the major national standards organizations such as the American National Standards Institute (ANSI), American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE), etc. The availability of the referenced documents along with member-nonmember prices are quoted.

Key Words: Guide Criteria; housing systems; Operation BREAKTHROUGH; publications; references; specifications; standards.

REFERENCES FROM GUIDE CRITERIA, NBS REPORT 10200

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SUMMARY

	<u>Standard or Publication Costs</u>	<u>Listed on Page</u>
American National Standards	\$97.25	1
ASHRAE Publications	91.50	3
ASSE Standards	8.00	4
ASTM Standards	88.50	5
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ASTM Volumes of Standards	---	8
AWWA Standards	22.00	9
Building Codes and Specifications	21.60	10
Commercial Standards	22.60	11
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IES Standards	18.00	23
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NAAMM Standards	0.95	27
NBS Publications	2.20	28
NFPA Standards	6.60	29
NSF Standards	1.00	30
PDI Standards	0.45	31
Product Standards	0.15	32
UL Standards	Free	33

TOTAL - \$429.80

AMERICAN NATIONAL STANDARDS INSTITUTE
1430 Broadway
New York, New York 10018

ANS

<u>American National Standards</u>	<u>Price</u>
ANS A6.1 - 1963	\$1.00
ANS A17.1 - 1965	8.50
ANS A21.4 - 1964	1.00
ANS A21.6 - 1962	1.00
ANS A21.8 - 1962	2.00
ANS A21.10 - 1964	3.00
ANS A21.12 - 1965	1.00
ANS A21.51 - 1968	1.00
ANS A40.0 - 1942	2.50
ANS A40.6 - 1943	2.50
ANS A58.1 - 1955	4.00
ANS A106.1 - 1962	1.00
ANS A106.3 - 1967	1.00
ANS A112.5.1 - 1968	1.00
ANS A112.21.1 - 1968	2.00
ANS A112.26.1	Not Listed in Catalog
ANS B9 Safety Code for Mechanical Refrigeration	3.50
ANS B16.3 - 1963	2.50
ANS B16.4 - 1963	2.50
ANS L16.12 - 1965	2.50
ANS B16.15 - 1964	2.50
ANS B16.18 - 1963	2.50
ANS B16.18a - 1967	0.50
ANS B16.22 - 1963	1.50
ANS B16.23 - 1960	4.00
ANS B16.24 - 1962	2.00
ANS B16.26 - 1967	2.00
ANS B16.27 - 1962	2.00
ANS B36.2 - 1966	1.00

American National Standards - continued

Price

ANS B36.19 - 1965	\$2.00
ANS B36.20 - 1966	1.00
ANS B38.1 - 1969	1.75
ANS B72.1 - 1967	1.00
ANS B72.2 - 1967	1.00
ANS B72.3 - 1967	1.00
ANS H23.1 - 1967	1.00
ANS H23.3 - 1967	1.00
ANS H23.4 - 1967	1.00
ANS H23.6 - 1967	1.00
ANS H26.1 - 1967	1.00
ANS H26.2 - 1967	1.00
ANS H27.1 - 1967	1.00
ANS H36.1 - 1967	1.00
ANS S1.2 - 1962	3.25
ANS Z4.2 - 1942	1.00
ANS Z21.1.1 - 1967	2.25
ANS Z21.10.1 - 1966	2.00
ANS Z21.10.2 - 1962	2.10
ANS Z21.10.2a - 1963	0.10
ANS Z21.10.3 - 1966	2.00
ANS Z21.19 - 1965	2.20
ANS Z21.19a - 1966	0.20
ANS Z21.22 - 1964	1.70
ANS Z21.22a - 1965	0.20
ANS Z124.1 - 1967	2.75
ANS Z124.2 - 1967	2.75

TOTAL - \$97.25

AMERICAN SOCIETY OF HEATING REFRIGERATING **ASHRAE**
 AND AIR-CONDITIONING ENGINEERS
 345 East 47th Street
 New York, New York 10017

<u>ASHRAE Publications</u>	<u>Price</u>	
	<u>Member</u>	<u>Non-Member</u>
1. ASHRAE Thermal Comfort Standard 55-66	\$ 0.75	\$ 1.50
2. Sizing of Water Heating Equipment in Commercial and Institutional Buildings, Part 1, No. 2096 and Part 2, 2122, July 1969, ASHRAE Transactions, by R. G. Werden and L. G. Spievogel	5.00	10.00
3. ASHRAE Handbook for Funda- mentals, 1967	10.00	20.00
4. ASHRAE Guide and Data Book - Equipment, 1969	15.00	30.00
5. ASHRAE Guide and Data Book - Applications, 1968	15.00	30.00
TOTAL-	\$45.75	\$91.50

AMERICAN SOCIETY OF SANITARY ENGINEERING
228 Standard Building
Cleveland, Ohio 44113

ASSE

ASSE Standards

	<u>Price</u>
ASSE No. 1001	\$1.00
ASSE No. 1002	1.00
ASSE No. 1003	1.00
ASSE No. 1005	1.00
ASSE No. 1006	1.00
ASSE No. 1007	1.00
ASSE No. 1008	1.00
ASSE No. 1010	1.00

TOTAL - \$8.00

AMERICAN SOCIETY FOR TESTING
AND MATERIALS
1916 Race Street
Philadelphia, Pennsylvania 19103

ASTM

<u>ASTM Standards</u>	<u>Volume No.</u>	<u>Price</u>
ASTM A72-68 .	1	\$1.50
ASTM A74-66	2	1.50
ASTM A120-66	1	1.50
ASTM A312-69	1	1.50
ASTM A377-66	2	1.50
ASTM B42-66	5	1.50
ASTM B43-66	5	1.50
ASTM B75-68	5	1.50
ASTM B88-66a	5	1.50
ASTM B135-67	5	1.50
ASTM B152-66	5	1.50
ASTM B251-68a	5	1.50
ASTM B302-66a	5	1.50
ASTM B306-66a	5	1.50
ASTM C4-62	12	1.50
ASTM C14-67	12	1.50
ASTM C76-67	12	1.50
ASTM C296-65T	12	1.50
ASTM C423-66	14	1.50
ASTM C443-67	14	1.50
ASTM C481-62	16	1.50
ASTM C508-67	12	1.50
ASTM D1527-68	26	1.50
ASTM D1785	26	1.50
ASTM D1861-64	11	1.50
ASTM D1862-64	11	1.50
ASTM D2104-68	26	1.50
ASTM D2235-68	26	1.50
ASTM D2239-68	26	1.50
ASTM D2241-68	26	1.50

<u>ASTM Standards - cont.</u>	<u>Volume No.</u>	<u>Price</u>
ASTM D2282-68	26	\$1.50
ASTM D2312-65	11	1.50
ASTM D2313-65	11	1.50
ASTM D2394-68	16	1.50
ASTM D2447-68	26	1.50
ASTM D2464-68	26	1.50
ASTM D2465-68	26	1.50
ASTM D2466-68	26	1.50
ASTM D2467-68	26	1.50
ASTM D2468-68	26	1.50
ASTM D2469-68	26	1.50
ASTM D2564-67	26	1.50
ASTM D2609-68	26	1.50
ASTM D2661-68	26	1.50
ASTM D2665-68	26	1.50
ASTM E72	14	1.50
ASTM E84-67	14	1.50
ASTM E90-60	14	1.50
ASTM E96-66	14, 15, 27, 30	1.50
ASTM E108-58	14	1.50
ASTM E119-67	14	1.50
ASTM E152-66	14	1.50
ASTM E283-63	14	1.50
ASTM E303-66T	11	1.50
ASTM E330-68	14	1.50
ASTM E331-68	14	1.50
ASTM E336-67T	14	1.50

TOTAL - \$88.50

AMERICAN SOCIETY FOR TESTING
AND MATERIALS
1916 Race Street
Philadelphia, Pennsylvania 19103

<u>ASTM Standard Test Procedure</u>	<u>Price</u>
ASTM STP 422, Method for Measuring Smoke from Burning Materials, by D. Gross et al - (STP422 is a volume containing 10 papers) Cost of Volume 20% off to members	\$13.25 + 1.25 Handling and Shipping

ASTM Proceedings

ASTM Proceedings <u>61</u> , (1961) Potential Heat - A Method for Measuring the Heat Release of Materials in Building Fires, by J. J. Loftus et al	3.00 + handling and shipping
---	---------------------------------

TOTAL - \$17.50 + handling
and shipping

Copies available from: University Microfilm
300 N. Zeeb Road
Ann Arbor, Michigan 48106

AMERICAN SOCIETY FOR TESTING AND MATERIALS

Prices of ASTM Volumes of Standards

<u>Volume</u>	<u>Price Non-Member</u>	<u>Price Member</u>
1	\$22.00	45% off
2	15.00	45% off
5	26.00	45% off
11	30.00	45% off
12	16.00	45% off
14	19.00	45% off
15	29.00	45% off
16	30.00	45% off
26	32.00	45% off
27	27.00	45% off
30	42.00	45% off

(12)

AMERICAN WATER WORKS ASSOCIATION
2 Park Avenue
New York, New York 10016

AWWA

<u>AWWA Standards</u>	<u>Price</u>	
	Member	Non-Member
AWWA C104-64	\$1.00	\$2.00
AWWA C106-62	1.00	2.00
AWWA C108-62	2.00	4.00
AWWA C110-64	3.00	6.00
AWWA C112-65	1.00	2.00
AWWA C151-65	1.00	2.00
AWWA C203-66	1.00	2.00
AWWA C400-65	1.00	2.00
	<hr/>	<hr/>
	TOTAL - \$11.00	\$22.00

BUILDING CODES OR SPECIFICATIONS

BCS

<u>Building Codes</u>	<u>Price</u>
1. BOCA BPC-1968 Building Officials Conference of America 1313 East 60th Street Chicago, Illinois 60037	\$8.00
2. National Electrical Code National Fire Protection Association 60 Batterymarch Street Boston, Massachusetts 02110	2.00
3. Proposed Revision of ACI-63, Building Code Requirements for Reinforced Concrete, Journal American Concrete Institute, February, 1970. American Concrete Institute P. O. Box 4754, Redford Station Detroit, Michigan 48319	1.00
4. Uniform Building Code, 1970 International Conference of Building Officials 50 South Los Robles Pasadena, California 91108	10.60

Building Specifications

1. American Institute of Steel Construction Specification for the Design, Fabrication and Erection of Structural Steel for Buildings, N. Y., 1969	FREE
---	------

TOTAL - \$21.60

(10)

COMMERCIAL STANDARD
(See page 15 for availability)

CS

<u>Commercial Standards</u>	<u>Price</u>
CS 7-29	\$3.00*
CS 5-65	0.15
CS 20-63	M
CS 35-61	3.00*
CS 73-61	0.25
CS 77-63	3.00*
CS 94-41	3.00*
CS 111-43	3.00*
CS 115-60	0.10
CS 116-54	M
CS 120-58	3.00*
CS 143-60	3.00*
CS 171-58	M
CS 177-62	0.10
CS 188-66	0.40
CS 197-60 (PS 10-69)	M
CS 207-60 (PS 21-70)	M
CS 218-59 (PS 18-69)	M
CS 226-59	0.10
CS 243-62	0.15
CS 254-63 (PS 19-69)	M
CS 255-63 (PS 11-69)	M
CS 256-63 (PS 22-70)	M
CS 270-65	0.15
CS 272-65	0.20
	TOTAL - \$22.60

Note: PS indicates that CS was revised and is now a Product Standard.

COMMERCIAL STANDARD

Standard is Available From:

Price without asterisk: Superintendent of Documents
U. S. Government Printing Office
Washington, D. C. 20402

Price with asterisk: Clearinghouse for Federal
Scientific and Technical
Information
5285 Port Royal Road
Springfield, Virginia 22151

Price with M:
(no cost for single
copy) Office of Engineering Standard
Services
National Bureau of Standards
U. S. Department of Commerce
Washington, D. C. 20234

Note: If standard is not available from the Government
Printing Office or the Clearinghouse, it may be
available from the Office of Engineering Standards
Services.

DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
Washington, D. C. 20402

HUD

HUD Standards or Guides

Price

1. FT/TS-24 - A Guide to Airborne Impact and
Structureborne Noise Control in Multi-family
Dwellings \$2.50

Copies available from:
Superintendent of Documents
U. S. Government Printing Office
Washington, D. C. 20402

2. Minimum Standards for Permanent Low-Cost Housing
and the Improvement of Existing Substandard Areas,
Ideas and Methods Exchange No. 64, U. S.
Department of Housing and Urban Development,
Washington, D. C. 3.00

Copies available from:
Clearinghouse for Federal
Scientific and Technical Information
5285 Port Royal Road
Springfield, Virginia 22151

TOTAL - \$5.50

FEDERAL HOUSING ADMINISTRATION

FHA

FHA Standards and Publications

Price

1. FHA Minimum Property Standards for One and Two Living Units, FHA No. 300 \$2.00
2. Minimum Property Standards for Multi-family Housing, FHA, FHA 2600, June 1969 2.50

Copies available from:

Superintendent of Documents
U. S. Government Printing Office
Washington, D. C. 20402

3. FHA Technical Studies Publication No. 954, 1965 FREE

Copies available from:

Environmental Engineering Section
Building Research Division
National Bureau of Standards
Washington, D. C. 20234

4. House Storage Study, Federal Housing Administration, Washington, D. C., FHA No. 722, 1963 FREE

Copies available from: Small Homes Council
University of Illinois
Urbana, Illinois

TOTAL - \$4.50

FEDERAL SPECIFICATION
(See pages 17, 18 and 19 for availability of documents)

FS

<u>Federal Specifications</u>	<u>Price</u>
FS F-F-310a	\$0.10
FS L-P-315a-1966	0.05
FS L-P-320a-1966	0.10
FS L-P-322a-1966	0.10
FS S-R-44	0.15
FS W-H-196f-1967	0.05
FS W-R-101	0.10
FS AA-R-211	0.20
FS HH-C-536a-1954	0.05
FS QQ-C-40-1963	0.05
FS QQ-C-502c(1)-1964	0.05
FS QQ-C-576b(1)-1964	0.10
FS QQ-L-201f-1965	0.05
FS QQ-S-571d-1963	0.15
FS RR-S-726(1)-1950	0.05
FS SS-P-310-42 (cancelled)	Not Available
FS SS-P-331c-1967	0.05
FS SS-P-351c-1968	0.05
FS SS-P-356-1955	0.15
FS SS-P-358a-1960	0.10
FS SS-P-371E-1968	0.05
FS SS-P-375b-1963	0.05
FS SS-P-381A(1)-1969	0.15
FS SS-P-1229a-1968	0.05
FS SS-T-312A	0.05
FS TT-C-00555	Free
FS TT-C-598b	0.10
FS TT-S-00227E	Free
FS TT-S-00230B	Free
FS TT-S-001543	Free
FS W-R-101	0.10

Federal Specifications - continuedPrice

FS WW-C-440B(1)-1969	\$0.10
FS WW-F406b-1967	0.05
FS WW-H-171c(1)-1964	0.10
FS WW-H-191a-1964	0.10
FS WW-N-351b-1967	0.05
FS WW-P-325a-1967	0.05
FS WW-P-351(a)-1963	0.05
FS WW-P-356a-1967	0.05
FS WW-P-360a-1959	0.10
FS WW-P-377d-1962	0.05
FS WW-P-401D-1969	0.05
FS WW-P-404c(1)-1962	0.10
FS WW-P-406b(1)-1964	0.05
FS WW-P-421C-1967	0.10
FS WW-P-441c(2)-1968	0.10
FS WW-P-471a(2)-1964	0.05
FS WW-P-491b-1967	0.05
FS WW-P-501d-1967	0.05
FS WW-P-521F-1968	0.10
FS WW-P-541b(4)-1962	0.60
FS WW-P-541b(6)-1963	Free
FS WW-T-791(1)-1963	0.05
FS WW-T-797c-1963	0.10
FS WW-T-799c-1967	0.10
FS WW-U-516a-1967	0.05
FS WW-U-536(1)-1933	Not available
FS WW-V-35a-1965	Free
FS WW-V-51d-1967	0.10
FS WW-V-54c-1966	0.10
FS WW-V-58a-1966	0.05
FS DDD-C-95	0.15
FS MMM-A-115a	0.05

TOTAL - \$4.95

FEDERAL SPECIFICATIONS

To obtain copies:

1. Federal Government Activities

Specifications Activity
Special Programs Division
Building 197
Washington Navy Yard Annex
Washington, D. C. 20407

2. State and Local Governments

From nearest GSA Service Center
(see attached list of addresses)
or from:

General Services Administration
Federal Supply Services
Standardization Division
Washington, D. C. 20406

3. Non-Government Activities

Superintendent of Documents
U. S. Government Printing Office
Washington, D. C. 20402

FEDERAL SPECIFICATION

Following are the addresses of GSA Business Centers:

Region 1

Regional Director of Business Affairs
General Services Administration
John Fitzgerald Kennedy Federal Building
Boston, Massachusetts 02203

Region 2

Regional Director of Business Affairs
General Services Administration
28 Federal Plaza
New York, New York 10007

Region 3

Specifications Activity
Special Programs Division
Building 197, Washington Navy Yard Annex
Washington, D. C. 20407

Region 4

Regional Director of Business Affairs
General Services Administration
1776 Peachtree Street, N. W.
Atlanta, Georgia 30309

Region 5

Regional Director of Business Affairs
General Services Administration
239 South Dearborn Street
Chicago, Illinois 60604

Region 6

Regional Director of Business Affairs
General Services Administration
1500 East Bannister Road
Kansas City, Missouri 64131

Region 7

Regional Director of Business Affairs
General Services Administration
818 Taylor Street
Fort Worth, Texas 76102

FEDERAL SPECIFICATION - continued

Addresses of GSA Business Centers - continued

Region 8

Regional Director of Business Affairs
General Services Administration
Denver Federal Center, Building 41
Denver, Colorado 80225

Region 9

Regional Director of Business Affairs
General Services Administration
49 Fourth Street
San Francisco, California 94103

Manager, Business Service Center
General Services Administration
300 N. Los Angeles Street
Los Angeles, California 90012

Region 10

Regional Director of Business Affairs
General Services Administration
Federal Office Building
909 First Avenue
Seattle, Washington 98104

FEDERAL TEST METHOD STANDARD

FTMS

Federal Test Method Standard

Price

FTMS 141a

\$3.75

FTMS 501a

1.00

TOTAL \$4.75

Note: Copies of these standards can be obtained from the same sources given for FEDERAL SPECIFICATIONS on page 16.

FOREST PRODUCTS LABORATORY
Madison, Wisconsin 53705

FPL

FPL Reports

Moisure Tests on Whole Doors, Hollow-Core Flush Doors, FPL
Report No. 1983, June 1954

Note: This publication can be obtained free from the Forest
Products Laboratory

GENERAL SERVICES ADMINISTRATION
Room 3305
Specifications and Standards Branch
19th and F Street, N. W.
Washington, D. C. 20405

GSA

GSA Specifications

GSA Interim Guide Specification
(Spray Fire Protection) 4-0920
March 1968

(supersedes 224-3A)

Note: A copy of this specification can be obtained free
from General Services Administration

ILLUMINATING ENGINEERING SOCIETY
345 East 47th Street
New York, New York 10017

IES

IES Standards

Price

Illuminating Engineering Society, Design Criteria
for Lighting Interior Living Spaces, RP11,
January 1969

\$ 3.00

IES Lighting Handbook

15.00

TOTAL - \$18.00

INTERNATIONAL ASSOCIATION OF PLUMBING AND MECHANICAL OFFICIALS
5032 Alhambra Avenue
Los Angeles, California 90032

IAPMO

<u>IAPMO Standards</u>	<u>Price</u>
IAPMO IS-6-66 .	\$0.25
IAPMO PS-2-66	0.25
IAPMO PS-5-66	0.25
IAPMO PS-8-66	0.25
IAPMO PS-15-66	0.25
IAPMO PS-23-66	0.25
IAPMO PS-28-69	0.25
IAPMO PS-29-69	0.25
IAPMO TSC-5-63	0.25
IAPMO TSC-8-66	0.25
IAPMO Uniform Plumbing Code, 1970	4.90
	<hr/>
	TOTAL - \$7.40

INTERNATIONAL STANDARDS ORGANIZATION

ISO

ISO Standards

Price

ISO R140-1960

\$2.40

Standard can be purchased from:

American National Standards Institute
1430 Broadway
New York, New York 10018

MANUFACTURERS' STANDARDIZATION SOCIETY OF THE VALVE
AND FITTING INDUSTRY
1815 North Fort Myer Drive
Arlington, Virginia 22209

MSS

SP Standards

Price

SP69-1966

\$2.00

NATIONAL ASSOCIATION OF ARCHITECTURAL
METAL MANUFACTURERS
228 North LaSalle Street
Chicago, Illinois 60601

NAAMM

<u>NAAMM Standards</u>	<u>Price</u>
NAAMM SW.1-68T Metal Windows	\$0.60
NAAMM WL-10-67 Tentative Standard for Design Wind Loads	0.35
	<hr/>
	TOTAL - \$0.95

NATIONAL BUREAU OF STANDARDS PUBLICATIONS

NBS

Building Science Series

Price

BSS 9	\$0.20
BSS 18	0.35
BSS 22	0.70
BSS 23	0.25

Available from: Superintendent of Documents
 U. S. Government Printing Office
 Washington, D. C. 20402

Building Materials and Structures Reports

- BMS 65
- BMS 79
- BMS 142

Out of print - available in depository libraries
 for government publications

NBS Monographs

NBS Monograph 31	0.35
NBS Monograph 86	0.35

Available from: Superintendent of Documents
 U. S. Government Printing Office
 Washington, D. C. 20402

National Bureau of Standards Reports (Grayback)

- Report No. 7542
- Report No. 9831
- Report No. 9849

These reports are not available to the general public

TOTAL - \$2.20

NATIONAL FIRE PROTECTION ASSOCIATION
60 Batterymarch Street
Boston, Massachusetts 02110

NFPA

NFPA Standards

Price

NFPA No. 14, Standards for the Installation of Standpipes and Hose Systems	\$0.75
NFPA Standard No. 72A, Local Protective Signaling Systems	0.60
NFPA Standard No. 101, Life Safety Code	1.50
NFPA 80	1.50
NFPA 89M	0.50
NFPA 90A	0.75
NFPA 211	1.00

TOTAL - \$6.60

NATIONAL SANITATION FOUNDATION
P. O. Box 1468
Ann Arbor, Michigan 48106

NSF

NSF Standards

Price

NSF 14

\$1.00

PLUMBING AND DRAINAGE INSTITUTE
1018 North Austin Boulevard
Oak Park, Illinois 60302

PDI

PDI Standards

Price

PDI - G101

\$0.20

PDI - WH201

0.25

TOTAL - \$0.45

PRODUCT STANDARD

PS

Product Standards

Price

PS 5-66

\$0.15

Note: This Product Standard is available from:

Superintendent of Documents
U. S. Government Printing Office
Washington, D. C. 20402

UNDERWRITERS' LABORATORIES
207 East Ohio Street
Chicago, Illinois 60611

UL

UL Standards

UL 174, 1968

UL 181

UL 250

UL 430, 1969

UL 555

UL 560, 1969

UL 749, 1969

UL 858

UL Electric Appliances and Utilization Equipment List

Underwriters' Laboratories Bulletin of Research No. 52,
April 1962

Underwriters' Laboratories Test for Asphalt Shingles

Note: The above listed standards and publications are free.

MISCELLANEOUS REFERENCES
(Volume I)

1. Recommended Practice for Engineered Brick Masonry, Structural Clay Products Institute, November 1969.
Structural Clay Products Institute
1750 Old Meadow Road
McLean, Virginia 22101
2. Commonwealth Experimental Building Station, Human Sensitivity to Vibration in Building, RF No. 12, Melbourne, Australia (1966)
3. K. H. Lenzen, Vibration of Steel Joist Concrete Slab Floor Systems, University of Kansas, Lawrence, Kansas (1962)
4. Reither, H. and Meister, F. J., The Effect of Vibration on People, (in German), Forschung auf dem Gebiete des Ingenieurwesens, Vol. 2, II, p. 381 (1931)
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4. F.8.1.2	Asphalt Roofing Manufacturers Association of Shingle Assemblies
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9. H.3.6.4	Certification by the National Sanitation Foundation
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4	A-Service Loads	(S)	Uniform Building Code, 1967
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16	A.5.1.1	(T)	ANSI S1.2-1962 Standard Method for the Physical Measurement of Sound
17	B.1.3.1	(T)	ASTM E72
18	B.4.2.1	(T)	ASTM E84-67
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22	B.5.1.1	(T)	ASTM E90-66, Standard Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions.
23	B.5.1.2	(T)	Appendix A1 of ASTM E 336-67T, Tentative Recommended Practice for Measurement of Airborne Sound Insulation in Buildings
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26	D.8.1.1	(T)	Federal Test Method Standard No. 501a
27	D.8.1.1	(T)	ASTM D 2394-68
28	D.8.1.3	(T)	Federal Specification MMM-A-115d
29	D.8.2.4	(T)	Federal Test Method TT-C-00555
30	D.8.2.6	(T)	Federal Specification SS-T-312A
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35	E.7.1.1-4	(T)	NBS Report No. 9849 (to HUD)
36	E.7.3.1	(T)	ASTM E 283
37	E.7.3.1	(T)	NAAMM Test B
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39	E.7.4.1	(T)	NAAMM Test C-2
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45	E.7.7.2	(T)	ASTM E 330-68 Standard Method of Test for Structural Strength of Closed Windows Under the Influence of Wind Loads
46	E.7.7.3	(T)	ASTM E-331-68 Standard Method of Test for Water Resistance of Windows by Uniform Static Air Pressure Differential
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83	H.3.10.1	(T)	PDI-WH201

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