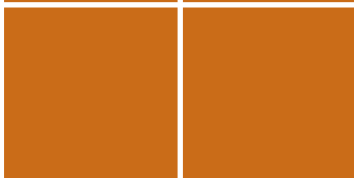
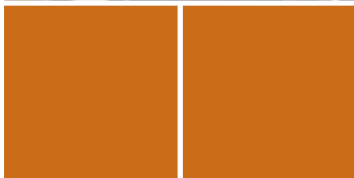


# Technical Services Information Bureau

Reference Standards  
for the  
Wall and Ceiling  
Industry



## ABBREVIATIONS OF WALL & CEILING ORGANIZATIONS & RELATED REFERENCE SOURCES

AAMA	American Architectural Manufacturers Association • <a href="http://www.aama.org">www.aama.org</a>
ACI	American Concrete Institute • <a href="http://www.aci.org">www.aci.org</a>
ADA	Americans with Disabilities Act • <a href="http://www.ada.gov">www.ada.gov</a>
AIA	American Institute of Architects • <a href="http://www.aia.org">www.aia.org</a>
AISI	American Iron and Steel Institute • <a href="http://www.steel.org">www.steel.org</a>
ANSI	American National Standards Institute • <a href="http://www.ansi.org">www.ansi.org</a>
AQC	Alliance for Quality Construction • <a href="http://www.allianceqci.org">www.allianceqci.org</a>
APA	Engineered Wood Association • <a href="http://www.apa.org">www.apa.org</a>
ASA	American Standards Association • Now ANSI
ASCE	American Society of Civil Engineers • <a href="http://www.ance.org">www.ance.org</a>
ASHRAE	American Society of Heating, Refrigerating and Air-Conditioning Engineers • <a href="http://www.ashrae.org">www.ashrae.org</a>
ASTM	ASTM International • <a href="http://www.astm.org">www.astm.org</a>
AWCI	Association of the Wall and Ceiling Industry • <a href="http://www.awci.org">www.awci.org</a>
AWS	American Welding Society • <a href="http://www.aws.org">www.aws.org</a>
BIA	Building Industry Association • <a href="http://www.biac.org">www.biac.org</a>
BOCA	National Building Code • <a href="http://www.iccsafe.org">www.iccsafe.org</a>
CABO	Council of American Building Officials • <a href="http://www.iccsafe.org">www.iccsafe.org</a>
California Energy Commission	• <a href="http://www.energy.ca.gov/title24/">www.energy.ca.gov/title24/</a>
CTIOA	Ceramic Tile Institute of America
CISCA	Ceiling & Interiors Systems Construction Association • <a href="http://www.cisca.org">www.cisca.org</a>
CLPCA	California Lathing & Plastering Contractors Association • See WWCCA
CFSEI	Cold Formed Steel Engineers Institute • <a href="http://www.cfsei.org/index.html">www.cfsei.org/index.html</a>
CSI	Construction Specifications Institute • <a href="http://www.csinet.org">www.csinet.org</a>
CWCCA	California Wall & Ceiling Contractors Association • See WWCCA
DITF	Drywall Information Trust Fund • See WACA
DWFC	Drywall Finishing Council • <a href="http://www.dwfc.org">www.dwfc.org</a>
DOE	U.S. Department of Energy • <a href="http://www.energycodes.gov">www.energycodes.gov</a>
EIMA	EIFS Industry Members Association • <a href="http://www.eima.com">www.eima.com</a>
EMLA	Expanded Metal Lath Association • <a href="http://www.naamm.org/emla/">www.naamm.org/emla/</a>
EPS	Molders Association • <a href="http://www.epsmolders.org">www.epsmolders.org</a>
FM	Factory Mutual • <a href="http://www.fmglobal.com">www.fmglobal.com</a>
FS	Federal Specifications and/or Standards • <a href="http://assist.daps.dla.mil/quicksearch">assist.daps.dla.mil/quicksearch</a>
FSC	Foam Sheathing Coalition • <a href="http://www.foamsheathing.org">www.foamsheathing.org</a>
GA	Gypsum Association • <a href="http://www.gypsum.org">www.gypsum.org</a>
ICBO	International Code of Building Officials • <a href="http://www.iccsafe.org">www.iccsafe.org</a>
ICC	International Code Council • <a href="http://www.iccsafe.org">www.iccsafe.org</a>
IECC	International Energy Efficiency Code Council • <a href="http://www.energy.gov">www.energy.gov</a>
IILP	International Institute – Lath & Plaster • <a href="http://www.iilp.org">www.iilp.org</a>
LPINC	Lathing & Plastering Institute of Northern California • See WACA
LGSEA	Light Gage Steel Engineers Association • See SFSEI
MIL	Military Standard • <a href="http://assist.daps.dla.mil/quicksearch">assist.daps.dla.mil/quicksearch</a>
MLPB	Minnesota Lath & Plaster Bureau • <a href="http://www.mnlath-plaster.com">www.mnlath-plaster.com</a>
ML-SFA	Metal Lath/Steel Stud Framing Association • See EMLA
NAHB	National Association of Home Builders • <a href="http://www.nahb.org">www.nahb.org</a>

NCMA	National Concrete Masonry Association • <a href="http://www.ncma.org">www.ncma.org</a>
NDCCA	N. California Drywall Contractors Association • <a href="http://www.drywallca.com/frame_nca.html">www.drywallca.com/frame_nca.html</a>
NFPA	National Fire Protection Association • <a href="http://www.nfpa.org">www.nfpa.org</a>
NOCSA	National One Coat Stucco Association • <a href="http://www.nocsa.org">www.nocsa.org</a>
NEEC	Northwest Energy Efficiency Council • <a href="http://www.neec.net">www.neec.net</a>
NWCB	Northwest Wall & Ceiling Bureau • <a href="http://www.nwcb.org">www.nwcb.org</a>
NWCCA	Northwest Wall & Ceiling Contractors Association • <a href="http://www.nwcca.com">www.nwcca.com</a>
OSHA	Occupational Health and Safety Administration • <a href="http://www.osha.gov">www.osha.gov</a>
OSHPD	Office of Statewide Health Planning & Development • <a href="http://www.oshp.ca.gov">www.oshp.ca.gov</a>
PIMA	Polyiso Members Association • <a href="http://www.pima.org">www.pima.org</a>
PCA	Portland Cement Association • <a href="http://www.cement.org">www.cement.org</a>
Plastering Industry Promotion Bureau of San Francisco & San Mateo	
RSMC	Responsible Solutions to Mold Coalition • <a href="http://www.responsiblemoldsolutions.org">www.responsiblemoldsolutions.org</a>
Sacramento Bureau for Lath & Plaster	• <a href="http://www.clpcabureau.org">www.clpcabureau.org</a>
SBC	Standard Building Code • <a href="http://www.iccsafe.org">www.iccsafe.org</a>
SBCCI	Standard (Southern) Building Code • <a href="http://www.iccsafe.org">www.iccsafe.org</a>
SCWCPA	South Central Wall, Ceiling & Plaster Association • <a href="http://www.tlpc.org">www.tlpc.org</a>
SFA	Steel Framing Alliance • <a href="http://www.steel framing.org">www.steel framing.org</a>
SMA	Stucco Manufacturers Association • <a href="http://www.stuccomfgassoc.com">www.stuccomfgassoc.com</a>
SSMA	Steel Stud Manufacturers Association • <a href="http://www.ssma.com">www.ssma.com</a>
TSIB	Technical Services Information Bureau • <a href="http://www.tsib.org">www.tsib.org</a>
TBLP	Texas Bureau for Lathing & Plastering
TLPCA	Texas Lathing & Plastering Contractors Association • See SCWCPA
UBC	Uniform Building Code • <a href="http://www.iccsafe.org">www.iccsafe.org</a>
UL	Underwriters Laboratories • <a href="http://www.ul.com">www.ul.com</a>
WACA	Wall & Ceiling Alliance • <a href="http://www.wallandceilingalliance.org">www.wallandceilingalliance.org</a>
WCLPI	Western Conference of Lathing & Plastering Institute • See WCWCI
WCWCI	Western Conference of Wall & Ceiling Institutes
WWCCA	Western Wall & Ceiling Contractors Association • <a href="http://www.wcca.org">www.wcca.org</a>
XPSA	Extruded Polystyrene Foam Association • <a href="http://www.xpsa.com">www.xpsa.com</a>

## FRAMING, ATTACHMENT & LATHING STANDARDS

ANSI	• <a href="http://webstore.ansi.org">webstore.ansi.org</a>
ANSI 42.3	Lathing and Furring for Portland Cement Plaster (Stucco) (Replaced with ASTM C1063)
ASTM	• <a href="http://www.astm.org">www.astm.org</a>
ASTM A90	Test Method for Weight (Mass) on Iron and Steel with Zinc
ASTM A109M	Steel, Carbon & Cold Rolled Strip
ASTM A112	Wire, Steel, Galvanized Tie Wires (Withdrawn)
ASTM A123	Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products
ASTM A366	Replaced with ASTM A1008
ASTM A390	Steel Netting, Galvanized and Woven Wire (Poultry Fence)
ASTM A446	Replaced with ASTM A653
ASTM A525	Replaced with ASTM A653

ASTM A526 Replaced with ASTM A653  
 ASTM A527 Replaced with ASTM A653  
 ASTM A528 Replaced with ASTM A653  
 ASTM A568 Steel, Sheet, Carbon, Structural & High-Strength, Low-Alloy, Hot-Rolled & Cold-Rolled General Requirements  
 ASTM A570 Replaced with ASTM A1011  
 ASTM A580 Stainless Steel Wire  
 ASTM A591 Replaced with ASTM A879  
 ASTM A611 Replaced with ASTM A1008  
 ASTM A641 Zinc Coated (Galvanized) Carbon Steel Wire  
 ASTM A653 Steel Sheet, Zinc Coated (Galv) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process  
 ASTM A755 Steel Sheet, Metallic Coated by the Hot-Dip Process  
 ASTM A792 Steel Sheet, 55% Aluminum-Zinc Alloy-Coated by the Hot-Dip Process  
 ASTM A875 Steel Sheet, Zinc-5% Aluminum Alloy-Coated by the Hot-Dip Process  
 ASTM A879 Steel Sheet, Zinc Coated by Electrolytic Process for Applications Requiring Designation of the Coating Mass on Each Surface  
 ASTM A1008 Steel, Sheet, Cold-Rolled, Carbon, Structural, High-Strength Low-Alloy, Improved Formability, Solution Hardened, & Bake Hardenable  
 ASTM A1011 Steel Sheet and Strip, Hot Rolled Carbon Structural High Strength Low-Alloy, Improved Formability & Ultra-High Strength  
 ASTM C380 Replaced with C514  
 ASTM C635 Suspension Systems for Acoustic Tile & Lay-In Ceilings  
 ASTM C636 Suspension System Installation for Acoustical & Lay-In Ceilings  
 ASTM C645 Non-Structural Steel Framing Members  
 ASTM C646 Replaced with ASTM C1002  
 ASTM C754 Installation of Steel Framing to Receive Screw Attached Gypsum Panel Products  
 ASTM C841 Installation of Interior Lathing and Furring  
 ASTM C847 Metal Lath  
 ASTM C893 Type G Steel Screws for the Application of Gypsum Board to Gypsum Board to Gypsum Board (Withdrawn)  
 ASTM C894 Replaced with C1002  
 ASTM C919 Sealants in Acoustical Applications  
 ASTM C933 Welded Wire Lath  
 ASTM C954 Steel Drill Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Steel Studs from 0.033 In. (0.84mm) to 0.112 (2.84mm) in Thickness  
 ASTM C955 Load-Bearing Steel Studs, Runners and Bracing or Bridging for Screw Application of Gypsum Panel Products and Metal Plaster Bases  
 ASTM C1002 Steel Self-Piercing Tapping Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Wood Studs or Steel Studs  
 ASTM C1007 Installation of Load Bearing Steel Studs and Related Accessories  
 ASTM C1032 Woven Wire Plaster Base  
 ASTM C1047 Accessories for Gypsum Wallboard and Gypsum Veneer Base  
 ASTM C1063 Installation of Lathing and Furring to Receive Interior and Exterior Portland Cement-Based Plaster  
 ASTM C580 Application of Ceiling Suspension Systems for Acoustical Tile Ceilings  
 ASTM F1667 Driven Fasteners: Nails, Spikes, & Staples  
 EMLA [www.naamm.org/emla.org](http://www.naamm.org/emla.org)  
 EMLA ML 920 Guide Spec for Metal Lathing & Furring

Federal Standards • [apps.fas.gsa.gov/pub/fedspecs/search.cfm](http://apps.fas.gsa.gov/pub/fedspecs/search.cfm)  
 FS-FF-N-105 Replaced by ASTM F1667  
 FS-FF-P-395 Drive Pins (Power Actuated and Hand Driven) (Cancelled)  
 FS-GGG-D-777B Power Driven Fastening Devices (Cancelled 12/94)  
 FS-GGG-D-780A Driver, Power Actuated, Lo-V, Trigger Actuated (Cancelled 12/94)  
 FS-GGG-D-00786A Driver, Hand Hammer Actuated (Out of print)  
 FS-QQ-E-450A Electrodes, Welding, Mild Steel (Out of print)  
 FS-QQ-L-101C Metal Lath and other Metal Plaster Bases (Cancelled 8/86)  
 FS-QQ-N-281D Nickel-Copper Alloy, Barplate, Rod, Sheet, Strip, Wire and Special Shaped Sections  
 FS-QQ-S-TT5E Hot-Dip, Galvanized Metal Studs, Track, Channels and Trim Items (Out of print)  
 FS-QQ-W-423B Replaced by ASTM A580  
 FS-QQ-W-461H Replaced by ASTM A641  
 FS-RR-D-575B Replaced with ANSI-113  
 FS-TT-P-86G Red Lead Oxide Protection on Steel Studs (Out of print)

#### **Metal Lath/Steel Framing Association (See EMLA)**

ML/SFA MLA7 Light Gage Steel Framing Specs (Division 5) (Out of print)  
 ML/SFA MLA8 Metal Lath and Curtain Wall (Out of print)  
 ML/SFA ML 920 Guide Spec for Metal Lathing & Furring (See EMLA ML 920)  
 ML/SFA SS16 Metal Lath Centering (Out of print)  
 ML/SFA TB5 Solid Plaster Partitions with Channel Studs (Out of print)  
 ML/SFA TB101 Metal Lath and Trim Types (Out of print)  
 ML/SFA TB131 Introduction to Steel Framing (Out of print)  
 ML/SFA TB136 Physical Property Selection for Metal Studs (Out of print)  
 ML/SFA TB161 Light Gage Steel Framing Fabricating Guide (Out of print)  
 ML/SFA TS12 Suspended Metal Lath Ceiling (Out of print)  
 ML/SFA TS17 Curtain Walls (Out of print)

## **INTERIOR & EXTERIOR WALL & CEILING STANDARDS**

ANSI • [webstore.ansi.org](http://webstore.ansi.org)  
 ANSI/EIMA 99A Exterior Insulation and Finish Systems  
 ANSI A108 Installation Standards for Ceramic Tile  
 ANSI A108.1 Subsurfaces and Preparations by Other Trades  
 ANSI A108.2 General Requirements: Materials, Environmental and Workmanship ANSI A108.1A Installation in the Wet-Set Method, with Portland Cement Mortar  
 ANSI A108.B Installation on Cured Portland Cement Mortar with Dry-Set or Latex Portland Cement Mortar  
 ANSI A108.1C Installation in the Wet-Set Method (Contractors option)  
 ANSI A108.4 Organic Adhesives or Water Cleanable Tile-Setting Epoxy Adhesive  
 ANSI A108.5 Dry-Set Portland Cement Mortar or Latex-Portland Cement Mortar  
 ANSI A108.6 Chemical Resistant, Water Cleanable Tile-Setting and Grouting Epoxy  
 ANSI A108.8 Installation with Chemical Resistant Furan Resin Mortar & Grout

ANSI A108.9	Installation with Modified Epoxy Emulsion Mortar Grout	ASTM C219	Hydraulic Cement Terminology
ANSI A108.10	Installation of Grout in Tilework	ASTM C226	Air-Entraining Additives for Portland Cement
ANSI A108.11	Installation of Cementitious Backer Units	ASTM C317	Gypsum Concrete
ANSI A108.12	Installation: Exterior Glue Plywood Latex-Portland Cement Mortar	ASTM C318	Gypsum Foamboard
ANSI A108.13	Load Bearing Membranes for Thin-Set Tile & Dimensional Stone	ASTM C442	Replaced by ASTM C1396
ANSI A108.14	Installation of Paper-Faced Glass Mosaic Tile	ASTM C471	Chemical Analysis of Gypsum and Gypsum Board
ANSI A108.15	Installation of Paper-Faced Glass Mosaic Tile (Alternate method)	ASTM C474	Joint Treatment Materials for Gypsum Board
ANSI A108.16	Paper-Faced, Back-Mounted, Edge-Mounted, or Clear Mosaic Tile	ASTM C475	Joint Compound and Joint Tape for Finishing Gypsum Board
ANSI A108.17	Installation of Crack Isolation Membranes	ASTM C509	Gasket and Sealing Material, Preformed, Cellular Elastomeric
ANSI A118	Ceramic Tile Material Specifications	ASTM C514	Nails for Application of Gypsum Board
ANSI A118.1	Material Standards for Dry-Set Portland Cement Mortars	ASTM C557	Adhesive for Fastening Gypsum Board Products to Wood Framing
ANSI A118.3	Chemical Resistant, Water Cleanable Tile-Setting and Grouting Epoxy and Water Cleanable Tile-Setting Epoxy Adhesive	ASTM C587	Gypsum Veneer Plaster
ANSI A118.4	Specifications for Latex-Portland Cement Mortar	ASTM C588	Gypsum Baseboard for Veneer Plaster (Withdrawn)
ANSI A118.5	Chemical Resistant Furan Mortars and Grouts for Tile Installation	ASTM C593	Fly Ash & other Pozzolans for Soil Stabilization
ANSI A118.6	Standard Cement Grouts for Tile Installation	ASTM C595	Blended Hydraulic Cements
ANSI A118.7	Polymer Modified Cement Grouts for Tile Installation	ASTM C618	Coal Fly Ash & Raw or Calcined Natural Pozzolan for use in Concrete
ANSI A118.8	Modified Epoxy Emulsion Mortar/Grout	ASTM C630	Replaced by ASTM C1396
ANSI A118.9	Cementitious Backer Units	ASTM C631	Bonding Compounds for Interior Plastering
ANSI A118.10	Load Bearing, Bonded, Waterproof Membranes for Thin-Set Tile & Dimensional Stone Installation	ASTM C635	Metal Suspension Systems for Acoustical Tile and Lay-In Ceilings
ANSI A118.11	Exterior Glue Plywood Latex-Portland Cement Mortar	ASTM C636	Installation of Metal Ceiling Suspension Systems for Acoustical Tile & Lay-In Ceilings
ANSI A118.12	Crack Isolation Membranes for Thin-Set Ceramic Tile & Dimensional Stone Installation	ASTM C645	Non-Structural Steel Framing Members in Interior Assemblies
ANSI A136.1	Organic Adhesives for Installation of Ceramic Tile	ASTM C717	Definitions of Terms, Seals & Sealants
ASTM • www.astm.org		ASTM C778	Sand for use of Testing Hydraulic Cement
ASTM A641	Zinc-Coated (Galvanized) Carbon Steel (Hanger Wire)	ASTM C790	Replaced by ASTM C1193
ASTM A653	Steel Sheet, Zinc-Coated or Zinc-Iron Alloy-Coated by Hot-Dip Process	ASTM C821	Lime for use with Pozzolans
ASTM Co6	Nominal Finishing of Hydrated Lime (Withdrawn)	ASTM C834	Latex Ceiling Compounds
ASTM Co5	Quicklime for Structural Purposes	ASTM C840	Application and Finishing of Gypsum Board
ASTM C10	Natural Cement	ASTM C842	Application of Interior Gypsum Plaster
ASTM C11	Definitions & Terms Relating to Gypsum & Related Building Materials	ASTM C843	Application of Veneer Plaster
ASTM C22	Gypsum	ASTM C844	Application of Gypsum Base to Receive Gypsum Veneer Plaster
ASTM C28	Gypsum Plasters	ASTM C887	Combined Materials (Packaged, Dry) for Surface Bonding Mortars
ASTM C33	Concrete Aggregates	ASTM C897	Aggregate for Job-Mixed Portland Cement Plaster
ASTM C35	Inorganic Aggregates used in Gypsum Plasters (Perlite, Vermiculite)	ASTM C920	Elastomeric Joint Sealants
ASTM C36	Replaced by ASTM C1396	ASTM C931	Exterior Gypsum Soffit Board
ASTM C37	Replaced by ASTM C1396	ASTM C926	Application of Portland Cement-Based Plaster
ASTM C51	Lime & Limestone Terminology	ASTM C932	Bonding Agent, Surface Applied for Exterior Portland Cement Plaster
ASTM C59	Gypsum Casting and Molding Plaster	ASTM C956	Installation of Cast In-Place Reinforced Gypsum Concrete
ASTM C61	Gypsum Keen's Cement	ASTM C960	Replaced by ASTM C1396
ASTM C79	Replaced by ASTM C1396	ASTM C962	Replaced by ASTM C1193
ASTM C90	Concrete Masonry Units, Hollow Load Bearing	ASTM C919	Sealants in Acoustical Applications
ASTM C91	Masonry Cement	ASTM D1073	Fine Aggregate for Bituminous Paving Structures
ASTM C136	Sieve or Screen Analysis of Aggregates	ASTM C1177	Glass Mat Gypsum Substrate for use as Sheathing
ASTM C141	Hydraulic Hydrated Lime for Structural Purposes	ASTM C1178	Glass Mat Water-Resistant Gypsum Backing Panel
ASTM C150	Portland Cement	ASTM C1193	Guide for use of Joint Sealants
ASTM C206	Hydrated Lime	ASTM C1278	Fiber-Reinforced Gypsum Panel
ASTM C207	Hydrated Lime for Masonry Purposes	ASTM C1280	Application of Gypsum Sheathing
		ASTM C1396	Gypsum Board
		ASTM C1397	Application of Class PB EIFS (Exterior Insulation Finish Systems)
		ASTM C1481	Use of Joint Sealants with EIFS
		ASTM C1516	Direct-Applied Finish System

ASTM C1535	Exterior Insulation Finish Systems	Gypsum Association • <a href="http://www.gypsum.org/download.html">www.gypsum.org/download.html</a>
ASTM D610	Evaluating Degree of Rust	GA-151 Manual of Veneer Plaster (Replaced with GA-530)
ASTM D907	Definitions & Terms Relative to Adhesives	GA-201 Replaced with GA-223-04
ASTM D1779	Adhesive for Acoustical Materials	GA-214 Recommended Levels of Gypsum Board Finish
ASTM D2486	Scrub Resistance of Painted Surfaces	GA-216 Application of Finishing of Gypsum Panel Products
ASTM D3273	Resistance to Growth of Mold on Surface of Interior Coatings	GA-219 Steel Door Frame with Gypsum Wallboard (Out of print)
ASTM D3678	P.V.C. Interior-Profile Extrusions	GA-220 Gypsum Board Winter Related Installation Recommendations
ASTM E241	Guide for Limiting Water-Induced Damage to Buildings	GA-221 Repair of Gypsum Board Joint Ridging
ASTM E497	Installing Sound-Isolating Light Partitions (Withdrawn)	GA-222 Repairing Screw or Nail Pops
ASTM E580	Application of Ceiling Suspension Systems Requiring Seismic Restraint	GA-223 Gypsum Panel Products Types, Uses Sizes, and Standards
ASTM E1264	Classification of Acoustical Ceiling Products	GA-224 Installation of Predecorated Gypsum Board
ASTM E2110	Terminology for EIFS (Exterior Insulation Finish Systems)	GA-225 Repair of Fire-Rated Gypsum Board Systems
ASTM E2112	Installation of Exterior Windows, Doors and Skylights	GA-226 Application of Gypsum Board to form Curved Surfaces
ASTM E2273	Exterior Insulation and Finish Systems with Drainage	GA-231 Assessing Water Damage to Gypsum Board
ASTM E2568	PB Exterior Insulation and Finish Systems	GA-232 Painting New Gypsum Board
		GA-234 Control Joints for Fire-Resistance Rated Systems
		GA-235 Gypsum Board Typical Mechanical & Physical Properties
		GA-236 Joint Treatment Under Extreme Weather Conditions
		GA-238 Guidelines for Prevention of Mold Growth on Gypsum Board
Federal Standards • <a href="http://apps.fas.gsa.gov/pub/fedspecs/search.cfm">apps.fas.gsa.gov/pub/fedspecs/search.cfm</a>		GA-239 Water-Resistant Gypsum Backing Board for Ceramic Tile in Wet Areas
FS-A-A-272	Caulking Compounds	GA-253 Application of Gypsum Sheathing
FS-A-A-909	Superseded by ASTM C61	GA-254 Fire-Resistant Gypsum Sheathing
FS-A-A-1272	Plaster Gypsum (Spackle Compound) (Cancelled 9/99)	GA-276 Gypsum Board Roof Underlayment Systems
FS-A-A-1417	Superseded by FS-A-A-55057	GA-290 Gypsum Board – Area Separation Walls
FS-A-A-1558	Paint, Stencil	GA-505 Glossary of Terms, Gypsum Board (Out of print)
FS-A-A-2304	Superseded by ASTM C1396	GA-530 Veneer Plaster
FS-A-A-55057	Panels Wood/Wood-Based Construction & Decorative	GA-600 Fire Resistance Design Manual
FS-SS-A-A281B	Superseded by ASTM C33	GA-605 Proprietary Gypsum Panel Products for use in UL Classified Systems
FS-SS-C-1960/1A	Masonry Cement (Cancelled 2/85)	GA-610 Fire-Resistance Provided by Gypsum Board Membrane Protection
FS-SS-C-1960/2A	Natural Cement (Cancelled 2/85)	GA-618 Building and Inspecting Smoke Barriers
FS-SS-C-1960/3B	Portland Cement (Cancelled 2/85)	GA-650 Covering Existing Interior Walls and Ceilings with Gypsum Board (Out of print)
FS-SS-C-1960/4B	Superseded by ASTM C595	GA-801 Handling and Storage of Gypsum Panel Products
FS-SS-C-1960/5A	Superseded by ASTM C618	
FS-SS-J-570B	Superseded by ASTM C475	
FS-SS-L-30D	Replaced with FS-A-A-2304 & Superseded by ASTM C1396	
FS-SS-L-351B	Superseded by ASTM C206	
FS-SS-L-361 (I)	Superseded by ASTM C141	
FS-SS-P-00402B	Gypsum Plaster (Cancelled 11/85)	
FS-SS-P-00450A	Plaster, Patching, Gypsum (Cancelled 2/85)	
FS-SS-S-0071B	Superseded by ASTM D1073	
FS-SS-T-315B	Tile, Gypsum (Floor & Roof, Precast) (Cancelled 12/85)	
FS-SS-W-110C	Water Repellant Silicone Resin Base (Cancelled 6/96)	
FS-TT-C-555B	Textured Coatings for Masonry Surfaces (Cancelled 9/01)	
FS-TT-C-598C	Superseded by FS-A-A272B “Caulking Compounds”	
FS-TT-F-1098D	Filler, Surface Styrene for Stucco (Cancelled 5/97)	
FS-TT-P-0035	Superseded by FS-A-A1558	
FS-TT-P-96D	Cancelled	
FS-TT-S-179B	Cancelled	
FS-UU-B-790A	Building Paper (Kraft, Vegetable Fiber)	
FS-UU-B-1780	Building Paper (Reflective) (Cancelled 10/85)	

## INSULATION & ENERGY

ASHRAE 90.1	Energy Standard for Buildings Except Low-Rise Residential Buildings
ASTM C165	Measuring Compressive Properties of Thermal Insulation
ASTM C167	Thickness and Density of Blanket or Batt Thermal Insulations
ASTM C168	Thermal Insulation Materials
ASTM C208	Cellulosic Insulating Board
ASTM C516	Vermiculite Loose-Fill Insulation
ASTM C549	Perlite Loose-Fill Insulation
ASTM C578	Ridged Polystyrene Insulating Board
ASTM C591	Preformed Rigid Cellular Polyisocyanurate Thermal Insulation
ASTM C592	Mineral Fiber Blanket & Pipe Blanket Insulation
ASTM C665	Mineral Fiber Insulation for Light Weight Framing Construction
ASTM C727	Installation use of Reflective Insulation in Building Construction
ASTM C739	Cellulosic Fiber Loose-Fill Thermal Insulation
ASTM C762	Application of Spray Applied Fibrous Thermal Insulation

ASTM C764	Mineral Fiber Loose-Fill Thermal Insulation
ASTM C846	Application of Structural Insulation Board Sheathing
ASTM C1224	Reflective Insulation for Building Applications
ASTM E497	Installation of Fixed Partitions of LightFrame Type for Conserving their Sound Insulation Efficiency

### California Energy Efficiency Standards

#### California Energy Code

FS-A-A-903	Insulation, Thermal (Expanded Perlite)
FS-HH-I-515D	Replaced with ASTM C739
FS-HH-I-521F	Replaced with ASTM C665
FS-HH-I-524C	Replaced by ASTM C578
FS-HH-I-530B	Replaced by ASTM C591
FS-HH-I-558B	Replaced by ASTM C592
FS-HH-I-574B	Replaced by ASTM C549
FS-HH-I-585C	Replaced by ASTM C516
FS-HH-I-1252B	Cancelled
FS-L-P-386C	Flexible Plastic Urethane Foam
FS-LLL-1-535B	Replaced with ASTM C208
FS-MMM-A-00150B	Cancelled
FS-SS-S-111-C	Cancelled
FS-SS-S-118-B	Replaced with ASTM E1264
IECC	International Conservation Code

### CRITERIA, TEST & PERFORMANCE METHODS

AMA 502-02	Voluntary Specification for Field Testing of Windows and Sliding Glass Doors
ASTM AC24	Interim Criteria for EIFS (Replaced by AC219 & 235 but still referenced)
ASTM AC212	Acceptance Criteria for Water-Resistive Coating as Water-Resistive Barriers over Gypsum Sheathing
ASTM AC219	Acceptance Criteria for EIFS
ASTM AC235	Acceptance Criteria for EIFS Clad Drainage Wall Assemblies
ASTM B117	Standard Practice for Operating Salt Spray Apparatus
ASTM C22	Chemical Analysis of Limestone, Quicklime & Hydrated Lime
ASTM C50	Sampling Lime & Limestone Products
ASTM C109	Testing Compressive Strength of Hydraulic Cement (using 2" specimens)
ASTM C110	Testing Quicklime, Hydrated Lime & Limestone
ASTM C114	Chemical Analysis of Hydraulic Cement
ASTM C167	Test for Thickness and Density of Blanket or Batt Thermal Insulations
ASTM C183	Sampling Hydraulic Cement
ASTM C203	Flexural Strength of Block-Type Insulation
ASTM C209	Test Methods for Cellulosic Insulating Board
ASTM C297	Tensile Bond Strength Related to "Sandwich Constructions" (EIFS)
ASTM C367	Strength Properties of Pre-Fabricated Architectural Acoustical Tile
ASTM C423	Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method
ASTM C438	Flexural Strength of Hydraulic-Cement Mortars
ASTM C471M	Chemical Analysis of Gypsum & Gypsum Products (Metric)
ASTM C472	Physical Testing of Gypsum, Gypsum Plaster & Gypsum Concrete

ASTM C473	Physical Testing of Gypsum Panel Products
ASTM C474	Testing Gypsum Board Joint Treatment Materials
ASTM C475	Testing Gypsum Board Joint Treatment Tape Materials
ASTM C518	Test Method for Steadystate Heat Flux Measurements and Thermal Transmission Properties by means of the Heat Flow Meter Apparatus
ASTM C520	Test Method for Density of Granular Loose Fill Insulations
ASTM C522	Test Method for Airflow Resistance of Acoustical Materials
ASTM C917	Cement Strength Uniformity from a Single Source
ASTM C1382	Determining Tensile Adhesion Properties of Sealants used with EIFS
ASTM D610	Evaluating Rust on Painted Steel Surfaces
ASTM D968	Abrasion Resistance of Organic Coatings
ASTM D1037	Evaluating Wood-Based Fiber and Particle Panel Materials AKA "Falling Ball Test"
ASTM D2247	Coatings Moisture Resistance at 100% Relative Humidity
ASTM D2294	Adhesive Creep Resistance (as used in EIFS)
ASTM D2486	Test Method For Scrub Resistance of Painted Surfaces
ASTM D2794	"Gardner" Impact Test
ASTM D3273	Resistance to Growth of Mold on Surface of Interior Coatings
ASTM E72	Conducting Strength Tests of Panels for Building Construction
ASTM E84	Test for Surface Burning Characteristics of Building Materials
ASTM E90	Method for Lab Measurement of Airborne Sound Transmission Loss of Building Partitions
ASTM E96	Testing Water Vapor Transmission
ASTM E108	Large-Scale Vertical Fire Spread Test
ASTM E119	Methods of Fire Tests of Building Construction and Materials
ASTM E136	Test for Behavior of Materials in a Vertical Tube Surface
ASTM E176	Terminology Related to Fire Standards
ASTM E330	Transverse Wind Load Resistance to Exterior Walls
ASTM E331	Water Vapor Penetration Test of Exterior Windows, Curtain Walls and Doors by Uniform Static Air Pressure Differential
ASTM E336	Measure of Airborne Sound Attenuation Between Rooms in Buildings
ASTM E413	Replaced by ASTM E1414
ASTM E488	Test for Strength of Anchors in Concrete and Masonry Elements
ASTM E492	Lab Measurement of Impact Sound Transfer Through Floor and Ceiling Assemblies using the Taping Machine
ASTM E605	Thickness & Density of Sprayed Fire-Resistive Material to Structural Members
ASTM E547	Water Penetration of Exterior Windows Curtain Wall & Doors by Cyclic Static Air Pressure Differential
ASTM E695	Impact Load Test
ASTM E736	Tests for Cohesion/Adhesion of Sprayed Fireproofing To Framing Members
ASTM E756	Measuring Vibration-Damping Properties of Materials
ASTM E760	Effects of Impact on Sprayed Fireproofing
ASTM E761	Compressive Strength of Sprayed Fireproofing
ASTM E1105	Field Determination of Water Penetration of Installed Windows, Skylights, Doors and Curtain Walls
ASTM E1110	Determination of Articulation Class
ASTM E1111	Measuring The Inter-Zone Attenuation of Ceiling Systems

ASTM E1130	Objective Measurement of Speech Privacy in Open Offices using the Articulation Index
ASTM E1179	Sound Sources used for Testing Open Office Components and Systems
ASTM E1190	Strength of Power-Actuated Fasteners Installed in Structural Members
ASTM E1375	Measuring the Interzone Attenuation of Furniture Panels used as Acoustical Barriers
ASTM E1376	Measuring Interzone Attenuation of Sound Reflected by Wall Finishes and Furniture Panels
ASTM E1414	Test for Airborne Sound Attenuation Between Rooms Sharing a Common Ceiling Plenum
ASTM E2098	Tensile Breaking Strength of Glass Fiber Mesh for use in Class PB EIFS After Exposure to a Sodium Hydroxide Solution
ASTM E2128	Guide for Evaluating Water Leakage of Building Walls
ASTM E2134	Tensile-Adhesion Performance of EIFS
ASTM E2273	Drainage Efficiency of EIFS
ASTM E2321	Use of ASTM E96 for Determining Water Vapor Transmission of EIFS
ASTM E2359	Field Pull Testing of In-Place EIFS Assembly
ASTM E2430	EPS (Expanded Polystyrene) Board for use in EIFS
ASTM E2485	Freeze Thaw Resistance Testing of EIFS and Water Barrier Coatings
ASTM E2486	Impact Resistance of Class PB and Pi EIFS
ASTM E2570	Water-Resistive Coatings Used under EIFS or EIFS with Drainage
ASTM G23	Replaced by ASTM G152 & G153
ASTM G53	Replaced by ASTM G154
ASTM G152	Accelerated Weathering
ASTM G153	Accelerated Weathering
ASTM G154	Accelerated Weathering for Finishes (Ultraviolet Rays)
ML-SFATB18	Fire Rated Metal, Lath and Steel Stud Exterior Walls
ML-SFATB141	Metal Lath and Plaster Fire Protection +(Out of print)
NFPA-268	Radiant Heat Exposure

## FIRE TESTING LABORATORIES

BMS	Building Materials & Structures, National Bureau of Standards (Now National Institute of Standards and Technology)
CTC	Commercial Testing Company
FM	Factory Mutual Research Corp.
GET	George E. Troxell, P.E. Consulting Engineer
ITS	Intertek Testing Services Na Inc.
NBS	National Bureau of Standards (Now National Institute of Standards and Technology)
NRCC	National Research Council of Canada
OPL	Omega Point Laboratories
OSU	The Ohio State University
PCA	Portland Cement Association
SFT	Standard Fire Test, Fire Prevention Research Institute
SWRI	Southwest Research Institute
UC	University of California
UL	Underwriters Laboratory
ULC	Underwriters Laboratories of Canada
WHI	Warnock Hersey, Inc. (Now Intertek Testing Services Na Inc.)

## SOUND TESTING LABORATORIES

ACI	Acoustical Consultants Inc
ASL	Acoustical Systems Acoustical Research Facility
BBN	Bolt, Beranek and Newman Inc
BGL	British Gypsum Limited
BMS	Building Materials & Structures, National Bureau of Standards (Now National Institute of Standards and Technology)
CK	Cedar Knolls Acoustical Labs (Now Noise Unlimited Inc)
DRC	Domtar Research Center
G&H	Geiger and Hamme
INTEST	International Acoustical Testing Laboratories
KAL	Kodaras Acoustical Laboratories (Now Electrical Testing Labs EtI)
KG	Kaiser Acoustical Labs
NBS	National Bureau of Standards (Now National Institute of Standards and Technology)
NGC	National Gypsum Company's Gold Bond Acoustical Laboratories (Now NGC Testing Labs)
NRCC	National Research Council of Canada
OCF	Owens Corning Fiberglass Testing Labs
OR	Ohio Research Corporation
RAL	Reverbank Acoustical Labs
SA	Shiner & Associates
USG	Usg Research & Technology Center
WEAL	Western Electro Acoustical Laboratory Inc
WHI	Warnock Hersey, Inc. (Now Intertek Testing Services Na Inc)

## OTHER TESTING LABORATORIES

Laboratory for Chemical Physical, Structural and Fire Testing of Assemblies
Micro-Chem Laboratories
Portland Cement Association/Construction Technology Labs
RADCO Inc.
Smith Emory Labs

## BUILDING STANDARDS

ICC Evaluation Reports are alternate materials, products and methods of construction in lieu of those stated in the International Building Code and ICC Standards. For complete list of ICC Reports see: [www.icc-es.org/Evaluation\\_Reports](http://www.icc-es.org/Evaluation_Reports).

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