

PLAINTIFF'S EXHIBIT

USG-2086

UNITED STATES GYPSUM

**Gypsum Panels,
Sheathing and
Joint Treatment
Catalog**

0801612043

Gypsum Panels, Sheathing and Joint Treatment

Industry's No. 1 producer
offers range and quality
geared to today's market



There is only one SHEETROCK Gypsum Panel—the product that has dominated the “drywall” revolution in construction. In the more than 50 years since its introduction, the name SHEETROCK has become a byword for smooth, speedy, fire-resistant finishing of interior walls and ceilings. The name SHEETROCK identifies the nation's largest-selling, broadest line of gypsum boards, No. 1 in quality and performance—developed by the world's No. 1 producer of gypsum products, United States Gypsum.

With the spectacular growth of SHEETROCK has come a similar expansion in accessories and systems needed for today's varied requirements—again pioneered by U.S.G. This gives the customer the important advantage of dealing with a single manufacturer of all components of the finished wall or ceiling—panels, joint treatment, paint, metal accessories, insulation, sheathing, ceiling tile, gypsum roof deck, asphalt roofing, and stucco finish or mineral siding—all made by U.S.G. to work together. Leadership in job performance rests on research and development. From the U.S.G. Research Center have come dozens of engineered construction systems to make best use of gypsum panel products. The 308-page Drywall Construction Handbook, exclusive with U.S.G., explains installation procedures for a wide variety of wall and ceiling systems plus data on product performance, physical test data, problems and remedies, and tools.

Also unrivaled in the industry is the dependable service to dealers provided by U.S.G.'s network of more than 30 gypsum board plants and warehouses.



Printed in
the U.S.A.

NOTICE: The following trademarks used herein are owned by United States Gypsum Company: USG; SHEETROCK; FIRECODE; ULTRAWALL; TEXTONE; ROCKLATH; PERFA-TAPE; DURABOND; DUR-A-BEAD; ECONO; THERMAFIBER; PYROBAR; GLATEX; CONCORDE; RED TOP; IMPERIAL; MASTICAL; TEXOLITE; GRAND PRIZE; DIAMOND; SHOWERFOLD; FLOAT-AWAY; FLOAT-A-JUST; IVORY; STAR; CHAMPION; ORIENTAL; QUIETONE; DURON; AUDICOTE; HI-LITE; SUPER-TITE; DURA-ORI; DURA-STOP; COVER COAT; WAL-LITE; STRUCTO-LITE; INSO-BAK; CHINA-GLAZE; MAYFAIR; EPOXICAL; CEMENTICO; TAL; DURACAL; METAL COAT; ACREPOX.

CS01612044



Left: Laboratory tests prove superiority of SHEETROCK SW Gypsum Panels in resisting joint deformation with strongest joints ever developed.

Far Left: It's easy to see why SHEETROCK SW, with its eased edges and larger fill area, offers smooth, ridge-resistant joints.

SHEETROCK, a mill-fabricated gypsum panel with a noncombustible gypsum core, is manufactured in various forms for special purposes. Surfaces are encased in a heavy manila-finished paper on the face side and a strong liner paper on the back side. The face paper is folded around the long edges to reinforce and protect the core, and the ends of the gypsum panels are square-cut and finished smooth.

Interior walls and ceilings built with SHEETROCK Gypsum Panels gain a durable surface suitable for any type of decorative treatment and repeated redecoration. Joints may be reinforced and concealed with U.S.G. joint treatment systems, or featured by leaving exposed or covering with a decorative molding. Corner moldings also are available.

Other advantages include the benefits of dry construction that eliminate excessive moisture and provide rated fire protection, speedy application permitting immediate decoration, and resistance to warping and cracking.

SHEETROCK SW Gypsum Panels are United States Gypsum's revolutionary development to minimize ridging or beading and other joint imperfections. An exclusive eased-edge design helps to compensate for twisted framing, offset joints, poor framing alignment, damaged panel edges, and even for extremes of temperature and humidity during construction. Hailed as "drywall's foremost advance in over 40 years", the SHEETROCK SW Gypsum Panel system produces the strongest joint ever developed.

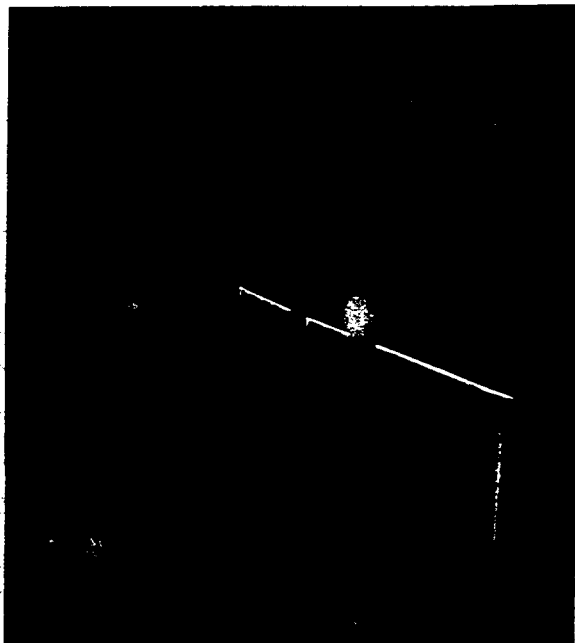
This is accomplished by pre-filling joints with DURABOND 90 Joint Compound, a special formulation which chemically hardens in about one hour, providing maximum bond and minimum shrinkage. The rounded-edge contour eliminates the need to crown joints, and no more compound is required than with regular gypsum panels. Taping of joints and other application procedures for joint treatment systems are followed in a conventional manner.

TYPES AND SIZES

	Regular Panels	SHEETROCK SW and Regular Panels			FIRECODE Gypsum Panels		Foil-Back Gypsum Panels			TEXTONE Vinyl Panels	W/R Gypsum Panels	Exterior Ceiling Board	R.H. Base	Coreboard
Thickness	1/4"	3/8"	1/2"	5/8"	1/2"	3/4"	3/8"	1/2"	3/4"	3/8" 1/2" 3/4"	1/2" 3/4"	1/2"	1/2" 3/8"	1"
Lengths	8' & 10'	8' to 14'			(1) 8' to 14'		(2) 8' to 14'			8' to 10'	(3) 8' & 12'	(4) 8' to 12'	8' to 12'	(5) 8' to 12'
Width	48"				48"		48"			48"	48"	48"	48"	24"
Edges	Tapered (6)	SW Tapered (6)			SW Tapered		SW Tapered			(9)	Tapered	SW	Round	V. T&G
Face Finish	Ivory Manila	Ivory Manila			Ivory Manila		Ivory Manila			Predec.	Green Manila	Gray Manila	Blue Manila	Gray (7)
Approx. Wt. (lbs./MSF)	1097	1475	1875	2375	1975	2475	1500	1900	2400	1950 (8)	1875 (8)	2000	1970 (8)	4150
Max. Frame Spacing Walls	—	16"	24"	24"	24"	24"	16"	24"	24"	24"	24"	—	—	—
Ceilings	—	16"	16" vert. 24" horiz.	16" vert. 24" horiz.	16" vert. 24" horiz.	16"	16" vert. 24" horiz.	16" vert. 24" horiz.	16" vert. 24" horiz.	16" vert. 24" horiz.	16" vert. 24" horiz.	16" vert. 24" horiz.	—	—

(1) Also available in 1/4" and 3/8" FIRECODE "C". (2) 1/2" available in FIRECODE "C"; 3/4" available in FIRECODE, both special order only. (3) Also available in 3/4" W/R FIRECODE "C". (4) Also available in 1/2" Type X. (5) Also available in 7'-8' lengths, square edge, pre-scored at 6' or 8' o.c. for use in semi-solid partitions; laminated in 2" and 2 1/2" thicknesses for USG Shaft Wall Partitions. (6) Regular also available in square & beveled edges—check local availability. (7) Finish not suitable as exposed surface. (8) Weight for 1/2" thickness. (9) Linens, Stipples and Travertines are bevel-edged, other patterns are square-edged.

CS016 2045



Foil-Back SHEETROCK Gypsum Panels applied to furred masonry wall.

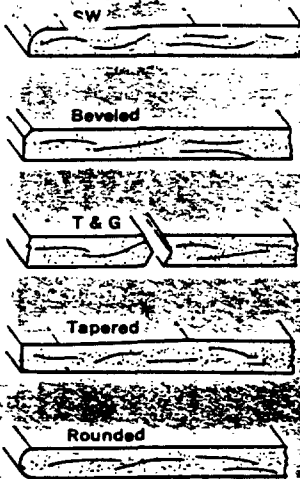
SHEETROCK SW FIRECODE and FIRECODE "C" Panels, $\frac{1}{2}$ " and $\frac{5}{8}$ " thick, in various lengths, have special cores for extra fire resistance. For partition, ceiling and column fireproofing assemblies with fire ratings from 1 to 4 hours.

Tapered Edge Regular SHEETROCK has long edges tapered on the face side in order to form a shallow channel for the joint reinforcement, thus providing smooth, continuous wall and ceiling surfaces. Available in four thicknesses, with $\frac{5}{8}$ " recommended for heavy-duty single-layer construction, $\frac{1}{2}$ " for standard single-layer partitions, $\frac{3}{8}$ " for double-layer application and remodel work, $\frac{1}{4}$ " for resurfacing. Check local availability.

Foil-Back SHEETROCK Gypsum Panels are made by laminating bright aluminum foil to the back surface of standard board. Used effectively as vapor barrier for exterior walls (illustrated) and ceilings with foil surface applied toward framing, in single- and double-layer application (base layer only). When installed in walls with foil facing air space of $\frac{3}{4}$ " minimum, it provides significant thermal resistance values of 3.93 with $\frac{1}{2}$ " board, 4.04 with $\frac{5}{8}$ " board.

SHEETROCK W/R Gypsum Panels are a water-resistant base for adhesive bonding of ceramic, metal, and plastic tile. They are made water-resistant all the way through by adding a special asphalt composition to the gypsum core, and by chemically treating the face and back paper. For application direct to studs in bathrooms (detail illustrated below), kitchens, utility rooms and other high-moisture areas; also ideal

Gypsum Panel Products—Types of Edges



Tile is applied after SHEETROCK W/R Gypsum Panels are caulked.



CS016 2046

for modernization work over existing surfaces to avoid tearing out old walls. Available in regular W/R core, $\frac{1}{4}$ " and $\frac{3}{8}$ " thickness; also in $\frac{3}{8}$ " SHEETROCK W/R FIRECODE "C" Gypsum Panels for applications where fire ratings are desired. The panel's distinctive green face is suitable for receiving tile, paint or wallpaper. All cut edges and nail heads behind tile must be coated with SHEETROCK Brand W/R Sealant, available in 1-pt. brush-on containers.

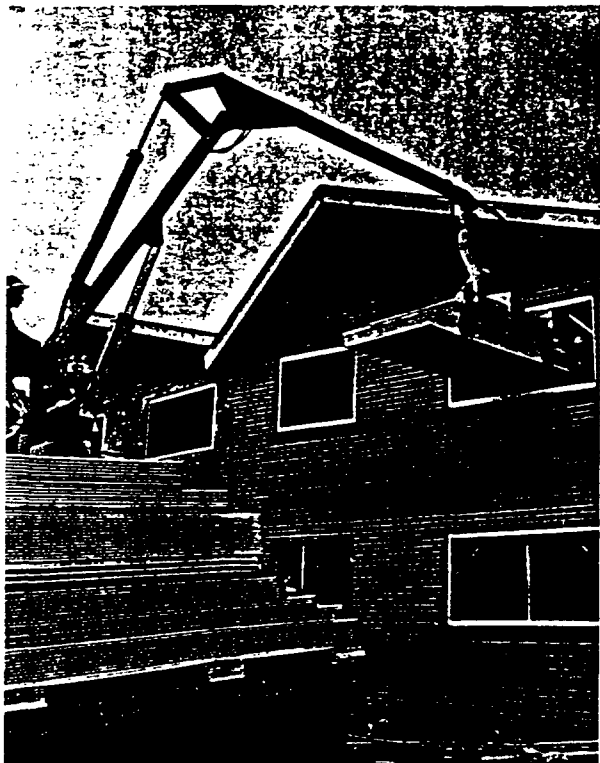
USG R.H. Base is specially fortified gypsum panel used with SHEETROCK R.H. Filler in electric cable ceilings. Nailed or screw-applied to wood joists; screw-applied to USG Metal Furring Channels or RC-1 Resilient Channels. The system improves heat emission and resistance to heat deterioration. SHEETROCK R.H. Filler is a high-density powder product, mixed with water and applied over radiant heat cable in the SHEETROCK Radiant Heat System. The thin ($\frac{1}{4}$ ") application allows higher operating temperatures than with other gypsum products. Hand- or machine-application formulations, unpigmented only, available in 50-lb. bags.

USG Gypsum Coreboard is a solid 1" thick gypsum board product fabricated for use in USG Solid and Semi-Solid Partitions. Additional layers of gypsum panels are generally laminated to the coreboard to complete the wall assembly. For use with the 2" Solid and Triple Solid Partitions, coreboard with a "V" T&G edge is supplied in various lengths; for use with Semi-Solid Partitions, square-edged coreboard is supplied, prescored at 6" or 8" o.c. for easy snapping of coreboard strips from the main unit. The board's gray paper surface is not suitable as an exposed surface.

USG Laminated Gypsum Coreboard has a noncombustible gypsum core encased in strong gray liner paper on both sides. Panels are factory-laminated, using mineral adhesive, for use in USG Shaft Wall Partitions. Available in two thicknesses, 2" and 2 $\frac{1}{2}$ ", both with beveled edges. The 2" thickness, made from two 1" coreboards in 12", 16" and 24" widths, is available in lengths as required up to 14 ft. The 2 $\frac{1}{2}$ " thickness, made with an additional $\frac{1}{2}$ " thick board in the center, is 12" wide, lengths up to 16 ft.

Smooth, level surfaces of SHEETROCK SW Gypsum Panels in this elegant living room offer ideal decorating base, lasting beauty.





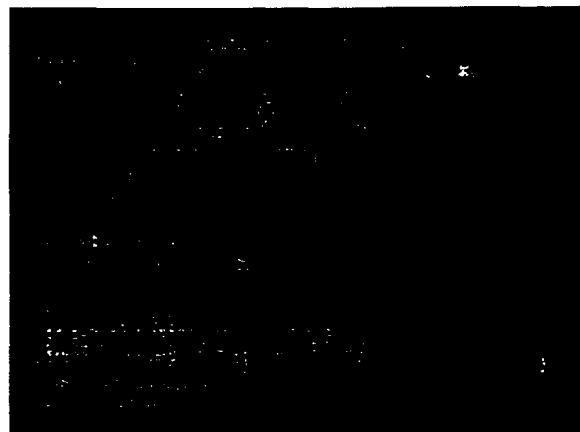
Mechanization is key to vastly improved gypsum panel handling methods. At job-site or in yard, Prentice boom truck (above) delivers panels to levels where needed. Equipment can reach third-story openings with ease; eliminates costly damage to gypsum panels. Fork lift truck (below) is used in yard for safe, rapid moving of heavy loads. Panels can be stacked to limit of lift truck—usually 14 to 15 ft.—when bundles are separated with 4"x6"x48" dividers.



Canopy ceiling of this country club entrance proves advantages of USG Exterior Gypsum Ceiling Board in commercial construction.

USG Exterior Gypsum Ceiling Board is a weather-resistant board designed for use on the soffit side of eaves, canopies and carports with indirect exposure to the weather. It is non-combustible, is quickly scored and snapped for application, has SW-type edges and offers excellent paintability. Most important are its sag and water-resistance advantages—which independent tests have shown to be superior to those of exterior grade plywood and structural laminated paper board.

Installed conventionally in wood and metal-framed soffits; batten strips over butt joints or panel ends inserted into H-moldings. Joints may be finished with DURABOND XL Compound if area to be surfaced does not cover structural stress points. Backing strips required for small vent openings. Can be identified by its brown back paper and gray, water-repellent face paper. Fire-hazard classification: 20, 5, 0.



CS016 204B

TEXTONE Panels are standard gypsum panels with factory-laminated vinyl facings, offering a rainbow range of decorator colors. Exciting new patterns provide a broad choice of color-texture combinations.

The rugged, scuff-resistant vinyl is available in 6- to 12-mil thicknesses—depending on pattern—and is embossed for texture or woodgrain effects. Available in six elegant surface patterns and 27 attractive colors—including 8 distinctive colors in Stipples; five delicate shades in Linens; 6 realistic Woodgrains; 2 rich Travertines; 4 soft shades in Textiles and 2 interesting Character Woods. The vinyl is unbacked except for cloth-backed Textiles. Linens, Stipples and Travertines have beveled edges; others are square.

The panels are adaptable to all USG drywall partition systems, including wood-framed, metal-framed and laminated types. Adhesive, nail or screw attachment is used; matching moldings (page 11) are available. Panels are ideal for resurfacing old walls by nailing or adhesive application;

also available with FIRECODE gypsum core for use where fire-rated construction is required.

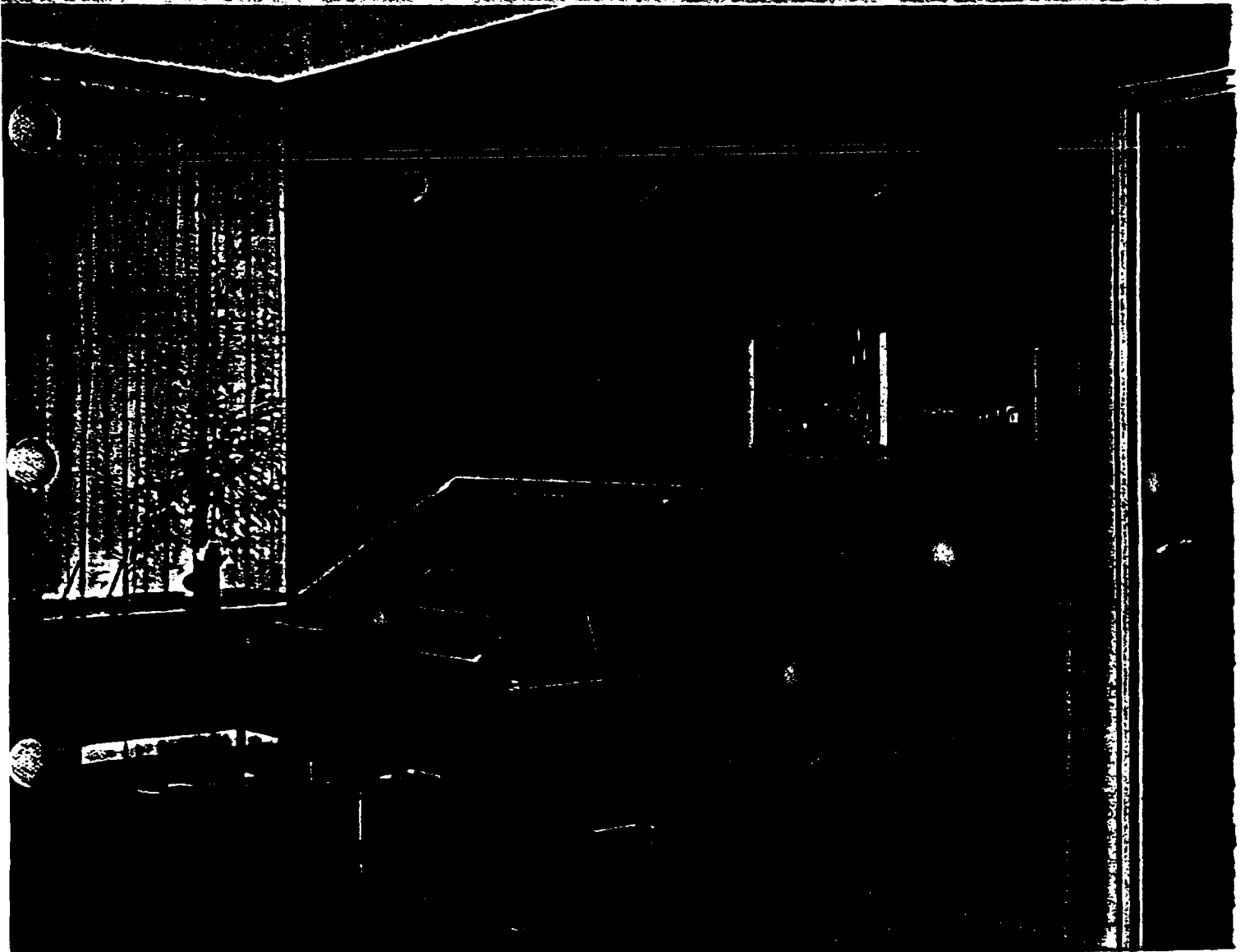
TEXTONE Smoothwall Panels provide beautiful vinyl-surfaced walls without the usual panel joints. The panels combine the fire resistance of a gypsum board core with a rugged fabric-backed vinyl facing. Available in the same colors, patterns and sizes as TEXTONE Panels. An extra vinyl flap at each long edge permits job-fabricating a monolithic appearing vinyl surface with flush joints. In 1/4-in. and 3/8-in. thickness, 4 ft. wide, 6 to 14 ft. long—also in FIRECODE Panels.

TEXTONE Panel Tackboards provide a decorative surface for bulletin boards or other areas where material is displayed. Heavy vinyl surface is long wearing, easily cleaned—and Textile weave helps conceal tack holes. In Textile pattern only, 1/4-in. and 3/8-in. thick, 4 ft. wide, 6 to 14 ft. long. Also in FIRECODE Panels.

Note: For adhesive application of TEXTONE Gypsum Panels, only DuraBond Adhesives are recommended; other adhesives may not be compatible with the vinyl surface.

Beautiful TEXTONE Panels, used here with USG Demountable Partition System, provide durable, easily cleaned surface.

C8016 2049



PATTERN AND COLOR SELECTION

**GROUP I
stipples**



Persimmon — 26126



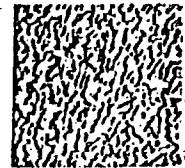
Harvest — 26124



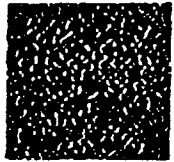
Sage — 26125



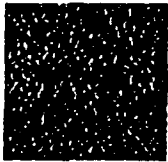
Porcelain — 26127



Shell — 26120



Bone — 26121

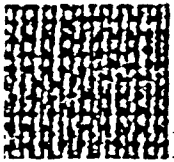


Adobe — 26122

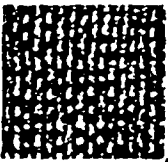


Mesa — 26123

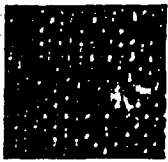
**GROUP II
linens**



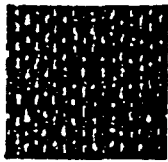
Antique — 06786



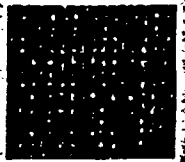
Flax — 07665



Autumn Gold — 07667

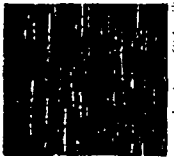


Stone — 07666



Olive Gold — 07668

woodgrains



Limed Oak — 07674



Avocado Pecan — 07675



Natural Oak — 07673



Castilian Oak — 07672

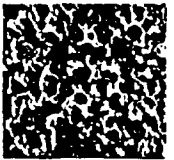


Distressed Pecan — 07671

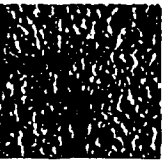


Imperial Walnut — 07670

**GROUP III
travertines**

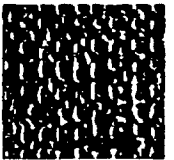


Florentine — 09542



Golden — 09371

textiles



Chalk — 14471



Parchment — 14473



Alfalfa — 14474



Straw — 14472

**GROUP IV
character woods**



Heritage Oak — 07677



Antique Oak — 07676

Patterns are listed by groups in ascending cost range

Weather-resistant, water-repellent, fire-resistant, lowest in applied cost—the advantages builders want are incorporated in $\frac{1}{2}$ " USG Gypsum Sheathing, which make it a popular choice for use in garden apartments and light commercial structures as well as in homes.

USG Gypsum Sheathing is an ideal base for a wide range of exterior finishes—masonry veneer, wood clapboard, aluminum siding, wood and mineral shingles, and stucco—nailing through sheathing into framing members.

It is made in two types: 24" wide, 8' length, with V-shaped T&G long edges, normally applied horizontally; and 48" wide, 8' and 9' lengths, with square edges, applied vertically to meet FHA requirements for omission of let-in corner bracing in frame construction. Other advantages:

Fire Protection—The asphalted gypsum core is noncombustible and will not transmit high temperatures until completely calcined. USG Gypsum Sheathing is the only commonly used type of sheathing that is fire resistant.

Weather Resistance—Encased in specially formulated water-repellent brown paper which permits open storage on the job and exposure on the framing. This paper actually sheds water for extra protection in storage and use. Building paper not required except where codes require building paper over all sheathing. Complies with water-resistance requirements of ASTM designation C79. Tight joints minimize wind and rain penetration.

Low Applied Cost—Because the sheathing is quickly cut or scored and snapped, waste is negligible. Faster application than with plywood or wood sheathing.

Structural Strength—Superior in bracing and stiffening. Tests have shown lateral distortion of only .498" under a racking load of 1,850 lbs.

Insulation Value—Possesses thermal conductance of 2.86 or a thermal resistance of 0.35. Combined with THERMAFIBER Insulating Blankets in an exterior wall assembly, a low "U" factor of .11 can be obtained.

Vapor Permeability—Average of 27.3 perms permits escape of moisture, minimizing rotting of framing. For effective vapor control, should be used in combination with Foil-Back SHEETROCK Gypsum Panels or ROCKLATH Plaster Base, or with THERMAFIBER Silver Shield Insulation.

Durability—Has shown no deterioration after 12 to 25 years of use. Can be used as exposed siding for farm buildings, tobacco barns, construction sheds, warehouses—may be painted after six months' exposure.

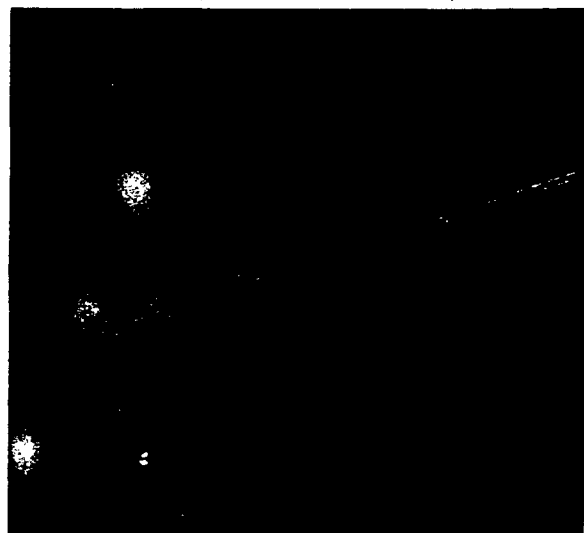
USG GYPSUM SHEATHING—TYPES AND SIZES

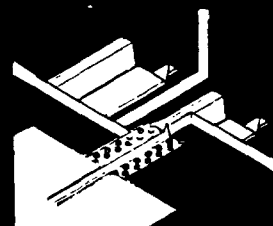
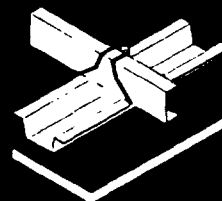
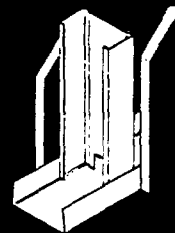
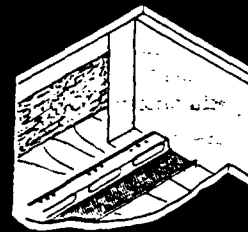
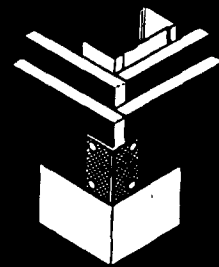
size	nom. thick-ness	type edge	max. framing spacing	approx. wt. per MSF (lbs.)	insul. value	meets Federal Specs.
2'x8'	$\frac{1}{2}$ "	T&G	24"	2,000	1.43 (k)	SS-L-30c, Type II, Grade W, Class 2 SS-S-276
4'x8'	$\frac{1}{2}$ "	Sq.	16"	2,000	1.43 (k)	ASTM C79 FHA Tech. Circ. No. 12 (4'x8' and 4'x9' sizes only)
4'x9'	$\frac{1}{2}$ "	Sq.	16"	2,000	1.43 (k)	

NOTE: Shipped bundled only, two pieces face to face.



USG FIRE FIGHTER Gypsum Board is a backing board used as a fire barrier over wood framing and beneath plywood or spaced wood sheathing in combustible roof construction. It significantly retards spread of fire originating within the structure and resists fire penetration through the roof covering. Made with fire-resistive type X core encased in water-repellent, ivory manila face paper and heavy brown back paper. Fire hazard classification: flame spread 20, fuel contributed 5, smoke developed 0. Applied across supports with joints centered over wood framing 24" o.c. max.; fastened with two $1\frac{1}{4}$ " galvanized sheathing nails per support. Available with square edges, $\frac{1}{2}$ " thick, 24" wide and 8 ft. long.





CS016 2052

DUR-A-BEAD is an all-metal heavy gauge galvanized steel reinforcement for protecting external corners. Nailed to framing and concealed with U.S.G. joint compounds. Two flange widths; also four lighter-gauge **ECONO** models, and expanded-flange No. 900 with superior key for compounds.

USG Metal Trims provide maximum protection and neat finished edges to gypsum panels at window and door jambs, at ceiling angles and intersections where gypsum panel abuts other materials. Quickly installed by nailing through the channel and panel into framing or jamb. No precision cutting or mitering; joints are simply butted together.

Supplied in #200 Series steel casing in three models—U-shaped channel, L-shaped angle edge trim without back flange, and adjustable L-shaped trim with open "V" flange edge which inserts into kerf; finished with U.S.G. joint compounds. Also in #400 Series: reveal-type, all-metal trim requiring no finishing compound; for three thicknesses.

No. 701 Series trim has fine-mesh expanded flanges for protection at cased openings and ceiling or wall intersections. 701-A channel; 701-B L-shaped; for $\frac{1}{2}$ " and $\frac{5}{8}$ " panels.

USG P-1 Vinyl Trim is a reveal type, white plastic trim with flanges and web of rigid vinyl and integral flexible vinyl fins that compress on installation. Fins form permanent flexible seal to effectively block sound, replace caulking, provide structural stress relief at gypsum panel perimeter. Fits tightly over gypsum panel edge; requires no finishing compound; paints easily. P-1A is $\frac{1}{2}$ " size; P-1B $\frac{5}{8}$ " size.

USG P-2 Vinyl Trim is a channel-shaped vinyl trim with a pressure-sensitive adhesive backing for attachment to the wall at wall-ceiling intersections. Provides positive perimeter relief in radiant heating ceiling systems.

TEXTONE Moldings cover joints and edges and protect corners. Precision-made of extruded aluminum (AV series) and rigid plastic with vinyl-laminated surfaces (RPV series) to match TEXTONE Panels, and of rigid plastic in solid colors (RP series): ivory, tan, chocolate and black. Available for $\frac{1}{8}$ ", $\frac{1}{2}$ " and $\frac{3}{4}$ " panels. Shapes are: Outside Corner, Inside Corner, Divider, Snap-on Outside Corner, Ceiling Drive-in Trim, Snap-on Batten and End Caps. PV-1 Trim has fins for positive closure at panel edges. 8-, 9-, 10-ft. lengths.

Aluminum H-Molding supports and conceals end joints in $\frac{1}{2}$ " exterior ceiling board assemblies.

RC-1 SHEETROCK Resilient Channel is a galvanized steel channel for resilient attachment of gypsum panels—one of the most effective and economical methods of improving sound transmission loss in partitions and ceilings. Channel is pre-punched for screw attachment direct to wood framing. Panels are attached to channel by 1" USG Type S Screws.

USG Metal Studs are non-load bearing channel-type studs roll-formed from galvanized steel, designed for use in various USG Metal Stud partition systems, Demountable Partitions, chase walls and drywall soffits. Also used as framing in furred or suspended drywall ceilings.

One end of each stud is notched (except $1\frac{3}{8}$ " stud) and knockouts are located 12" from each end to accept pipe and conduit—also available with keyhole cutouts in selected

markets. Four 20-ga. studs supplied for exterior curtain wall construction— $2\frac{1}{2}$ ", $3\frac{3}{4}$ ", 4" and 6" widths.

USG Metal Runners are galvanized steel channel-type sections designed to secure various types of partitions to floor and ceiling. Seven sizes—Nos. 158, 200, 212, 300, 358, 400 and 600 are used with USG Metal Stud partitions; the L-shaped $1\frac{3}{4}$ "x $\frac{1}{4}$ " runner with solid drywall partitions. In addition, 20-ga. runners in $2\frac{1}{2}$ ", $3\frac{3}{4}$ " and 6" sizes are available for use with exterior curtain wall studs.

USG Metal Furring Channels, made of galvanized steel, are designed for ceiling and wall attachment of $\frac{1}{2}$ " and $\frac{5}{8}$ " SHEETROCK Gypsum Panels with $\frac{1}{4}$ " and 1" USG Brand Type S Screws. For use on virtually any masonry surface.

USG Furring Channel Clips of galvanized wire, are used in attachment Metal Furring Channels to $1\frac{1}{2}$ " cold-rolled channel ceiling grillage. Installed on alternate sides of carrying channels; where clips cannot be alternated, wire tying is recommended.

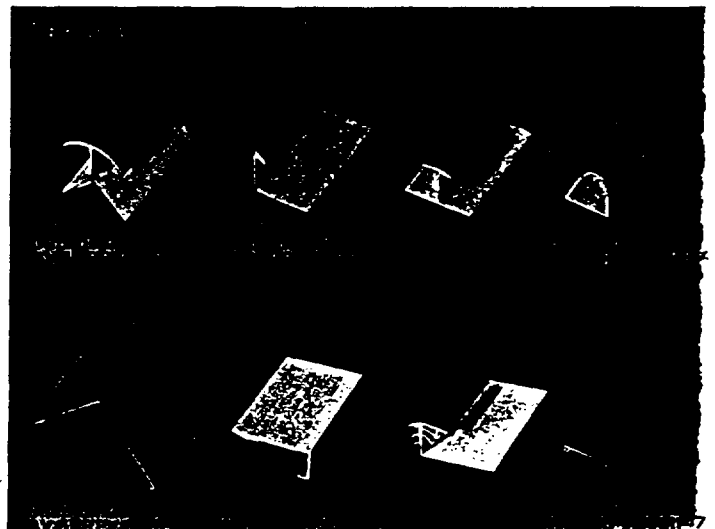
USG Adjustable Wall Furring Brackets attach $\frac{1}{2}$ " furring channel to exterior masonry walls. Made of 20-ga. galvanized steel with corrugated edges, they are wire-tied to horizontal stiffeners, 24" o.c. in braced furring systems.

USG Cold-Rolled Channels, of 16-ga. steel, are used for furring walls and ceilings, and for suspending ceilings. Available either galvanized, or black asphaltum painted. Three sizes: flange widths are $\frac{1}{2}$ " for $\frac{1}{2}$ " channels, and $\frac{1}{4}$ " for $1\frac{1}{2}$ " and 2" channels.

USG Z-Furring Channels are used to mechanically attach rigid insulation board and SHEETROCK Gypsum Panels to monolithic concrete and masonry walls. Made of hot-dipped galvanized steel. Furring depth 1".

USG Control Joint No. 093 is used to relieve stresses of expansion and contraction in large ceilings and wall areas. Used from floor to ceiling in long partition runs, and from door header to ceiling. Made from roll-formed zinc with a tape-protected $\frac{1}{4}$ " wide opening, $\frac{1}{4}$ " deep, has $\frac{1}{2}$ " grounds.

USG Control Joint No. 100 minimizes cracking of exterior stucco in Metal Stud Curtain Wall System; No. 75 Control Joint is used in electric-cable radiant heat ceilings. Made of roll-formed zinc with $\frac{1}{4}$ " open slot. No. 100 has 1" grounds; No. 75 has $\frac{1}{4}$ " grounds.



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USG Brand Screws, because of their superior holding power, are recommended for attaching gypsum panels to wood framing, and are essential components in drywall systems applied over metal framing or laminated in layers without conventional studs.

A complete line of self-drilling, self-tapping steel screws is offered for specific applications. A unique feature of those screws made for gypsum panel attachment is their double-lead thread design which permits easier and faster application, less screw stripping, and greater holding power than conventional screw fasteners. Gypsum panels are fastened

to wood framing with the Type W Screw, to steel framing with the Type S and S-12 Screws, and to gypsum coreboards or backing boards with Type G Screw.

All screws are highly corrosion resistant and have a Phillips head recess for quick installation with a special bit and power-driven screw gun. The special, patented bugle head used when attaching gypsum panels spins the face paper into the cavity under the screw head and produces a uniform depression, free of fuzz, for proper and easier spotting. Loose board attachment and consequent problems of "nail pops" are virtually eliminated.

SELECTOR GUIDE—USG BRAND DRYWALL SCREWS

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