USG Interior Panel & Finishing Solutions

USG SHEETROCK® BRAND ULTRALIGHT PANELS FIRECODE® X

5/8" TYPE X GYPSUM BOARD

Lightweight, quality wall and ceiling panels for interior applications

- The lightest 5/8" Type X panel available
- Listed by Underwriters Laboratories Inc. (UL) for use in fire-rated partitions when installed either vertically or horizontally with aligned tapered edges on standard and equivalent UL-approved 25-gauge studs (per UL Design U419)
- UL Classified as to fire resistance
- Complies with ASTM C1396 physical properties for 5/8" Type X gypsum wallboard
- Strength and impact resistance comparable to standard 5/8" Type X
- Offers comparable sound performance on wood and 25-gauge studs

DESCRIPTION

USG Sheetrock® Brand UltraLight Panels Firecode® X is available in one of two UL Type Designations (Type ULX and Type ULIX), depending on the market. Both panels have been formulated to achieve all of the strength and performance characteristics as standard 5/8" USG Sheetrock® Brand Firecode® Gypsum Panels at a significantly reduced weight. The panels have a re-engineered core encased in 100% recycled face and back papers that form a high strength-to-weight ratio composite design. The natural finish face paper is folded around the long edges to reinforce and protect the core, and the ends are cut square and even. The long edges of panels are tapered, allowing joints to be reinforced and concealed with USG Sheetrock® Brand joint treatment systems. The UL Type Designation is printed with nonbleeding ink on the face along the long edge of each panel for easy identification.

INTENDED FOR

- Commercial or residential applications where 5/8" Type X panels are required
- New or repair and remodel construction
- Load-bearing and non-load-bearing wood- or steel-framed fire-rated walls

LIMITATIONS

1. Avoid sustained exposure to temperatures exceeding 125°F (52°C).
2. Avoid exposure to excessive, repetitive or continuous moisture before, during and after installation. Eliminate sources of moisture immediately.
3. Maximum frame spacing is 24" o.c.
4. UL Type ULX listed for use in fire-rated ceilings is limited to UL Design No. L559.
5. UL Type ULIX requires the use of insulation for single-layer, steel-framed UL fire-rated assemblies.
6. Must be stored off the ground and under cover in accordance with Gypsum Association publication GA-801, *Handling and Storage of Gypsum Panel Products*.

INSTALLING, FINISHING AND DECORATING

USG Sheetrock® Brand UltraLight Panels Firecode X install and finish just like standard 5/8" USG Sheetrock® Brand Firecode Gypsum Panels. Fastener type and spacing requirements are the same as for standard 5/8" Type X for single layer one-hour-rated systems only. For multiple layer systems, USG Sheetrock® Brand UltraLight Panels Firecode X Type ULIX require fastener spacing of 8" o.c. for the face layer and all horizontal joints can be aligned.

For high-quality finishing results, USG recommends the following products:

- USG Sheetrock® Brand Ready-Mixed Joint Compounds
- USG Sheetrock® Brand Setting-Type Joint Compounds
- USG Sheetrock® Brand Joint Tape
- USG Sheetrock® Brand First Coat™ Primer
- USG Sheetrock® Brand Paper-Faced Metal Drywall Bead and Trim
- USG Sheetrock® Brand Tuff-Hide™ Primer-Surfacer

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INSTALLING, FINISHING AND DECORATING CONT.

Painting products and systems should be installed in accordance with recommendations and requirements in appendixes of ASTM C840. For priming and decorating with paint, texture or wall covering, follow manufacturer's directions for materials used. Refer to Gypsum Association GA-214, *Recommended Specification for Levels of Gypsum Board Finish*, in order to determine the level of finishing needed to assure a surface properly prepared to accept the final decoration.

All surfaces, including applied joint compound, must be thoroughly dry, dust free and not glossy. Prime with USG Sheetrock® Brand First Coat Primer or with an undiluted interior latex flat paint with high-solids content. Allow to dry before decorating. To improve fastener concealment where gypsum panel walls and ceilings will be subjected to severe artificial or natural side lighting, or will be decorated with a gloss paint (eggshell, semigloss or gloss), the gypsum panel surface should be skim coated with joint compound. This equalizes suction and texture differences between the drywall face paper and the finished joint compound before painting. As an alternative to skim coating, or when a Level 5 finish is required, use USG Sheetrock® Brand Tuff-Hide Primer-Surfacer.

TEST DATA

Property		ASTM Test Method	ASTM C1396 Specification 5/8" Wallboard	UL Type ULX	UL Type ULIX
Noncombustibility		E136	Pass	Pass	Pass
Surface-Burning Characteristics	Flame Spread	E84	Flame Spread Index, not greater than 25	15	5
	Smoke Developed	E84	Smoke Developed Index, not greater than 450	0	5
	Classification	E84		Class A	Class A
Core Hardness (lbf)	Field	C473 (B)	Not less than 11	Meets or exceeds	Meets or exceeds
	End	C473 (B)	Not less than 11	Meets or exceeds	Meets or exceeds
	Edge	C473 (B)	Not less than 11	Meets or exceeds	Meets or exceeds
Flexural Strength (lbf)	Parallel	C473 (B)	Not less than 46	Meets or exceeds	Meets or exceeds
	Perpendicular	C473 (B)	Not less than 147	Meets or exceeds	Meets or exceeds
Humidified Deflection (in.)		C473	Not greater than 5/8"	Less than	Less than
Nail Pull Resistance (lbf)		C473 (B)	Not less than 87	Meets or exceeds	Meets or exceeds

PRODUCT DATA

	UL Type ULX[1]	UL Type ULIX[1]
Thickness	5/8"	5/8"
Lengths[2] and Widths	48" wide—8', 9', 10', 12'; 54" wide[3]	48" wide—8', 9', 10', 12' ; 54" wide[3]
Weight[4]	1.93 lb./sq. ft.	1.78-1.90 lb./sq. ft.
Edges	Tapered	Tapered
Packaging	Two panels per bundle	Two panels per bundle

1. UL Type ULX panels are available in New England, Mid-Atlantic, South Atlantic and East Central regions. UL Type ULIX panels are available in West North Central, Mountain and Pacific regions. For those customers in the East North Central and West South Central regions, check with your local USG representative for the panel that is available in your market.
2. Other sizes available by special order. Check with your local USG representative for availability.
3. Limited availability. Check with your local USG representative.
4. Represents approximate weight for design and shipping purposes. For specific product weight in your area, contact your local USG representative or call the Customer Service Center at 800 950-3839.

COMPLIANCE

Manufactured to meet or exceed ASTM C1396 section 5 for 5/8" gypsum wallboard, Type X. Classified as a Class A Interior Finish Material per Section 803.1 of the IBC. UL Classified as to fire resistance, surface-burning characteristics and core combustibility.

UL Type Designations "ULX" and "ULIX" panels are listed for use in 89 fire-rated designs including:

U419 – 1–4 hr. non-load-bearing steel-framed walls

U423 – 1 and 2 hr. load-bearing steel-framed walls

U305 – 1 hr. load-bearing wood-framed walls

U301 – 2 hr. load-bearing wood-framed walls

SUBMITTAL APPROVALS

Job Name	
Contractor	**Date**

PRODUCT INFORMATION
See usg.com for the most up-to-date product information.

CAUTION
Dust may cause irritation to eyes, skin, nose, throat and upper respiratory tract. Cut and trim with a utility knife or hand saw to minimize dust levels. Power tools must be equipped with a dust collection system. Wear eye, skin and respiratory protection if necessary. If eye contact occurs, flush thoroughly with water for 15 minutes. If irritation persists, call a physician. Do not swallow. If swallowed, call a physician. For more information call Product Safety: 800 507-8899 or see the SDS at usg.com.
KEEP OUT OF REACH OF CHILDREN

TRADEMARKS
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NOTE
Products described here may not be available in all geographic markets. Consult your USG Company sales office or representative for information.

NOTICE
We shall not be liable for incidental and consequential damages, directly or indirectly sustained, nor for any loss caused by application of these goods not in accordance with current printed instructions or for other than the intended use. Our liability is expressly limited to replacement of defective goods. Any claim shall be deemed waived unless made in writing to us within thirty (30) days from date it was or reasonably should have been discovered.

SAFETY FIRST!
Follow good safety and industrial hygiene practices during handling and installation of all products and systems. Take necessary precautions and wear the appropriate personal protective equipment as needed. Read Safety Data Sheets and related literature on products before specification and/or installation.

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