

FIRE REY X LIGHT



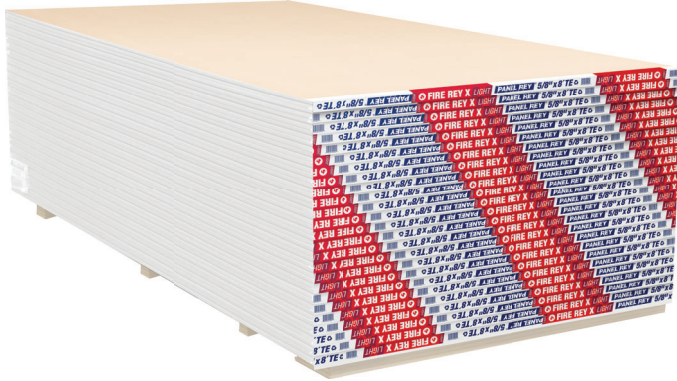
GYPSON BOARD

FIRE REY X LIGHT

PANEL REY[®]
Drywall Solutions



GYPSUM BOARD FIRE REY X LIGHT



Description

Panel Rey PRX LIGHT 5/8" is a lightweight, fire resistant drywall formulated with a lower weight that achieves the same performance as the traditional PRX 5/8". It is a product with a fireproof core essentially made of gypsum and reinforced with the addition of high temperature resistant fibers and additives to provide a higher strength and fire resistance properties. The drywall is covered on both sides with 100% recycled paper. The paper, on the front, covers the beveled edges to strengthen and protect the core. The ends are square cut and finished smooth. Panel Rey products do not contain asbestos. The Fire Rey X Light has UL Classification for Fire Stop System applications and can be used in all assemblies when the type PRX2 is listed.

Basic Applications

The Fire Rey X Light drywall is used to cover and protect walls and ceilings in residential and commercial construction projects. This product is designed to be fixed with screws, nails or adhesives directly on wood, metal or already existing surfaces. If joints are treated, the drywall will prevent smoke from passing through it.

5/8" Thick – Recommended for the applications looking for a higher fire resistance combined with a reduction of acoustic transmission, compare to conventional and lower thickness drywall.

Limitations

Fire Rey X Light drywall is designed to be used exclusively in interiors. Avoid exposure to temperatures higher than 125° F/ 50° C, for example, close to burners, furnaces or heaters. Also, avoid exposure to excessive or continuous moisture, before, during, and after its installation, for example close to pools, saunas or steam rooms. Eliminate moisture sources immediately. Drywall is not a structural element and must not be used as basis of a nailing base. Fire Rey X Light drywall are classified for interior wall assemblies by UL. For ceilings is recommended that the gap in the ceiling frames must not exceed the recommendations specified in the ASTM C-840 standard (for 5/8" of Fire-Resistant Drywall 16" o/c parallel application to the frame, and 24" perpendicularly applied).

Handling and Storage

Drywall does not generate or support the growth of mold when it is properly transported, stored, handled, installed, and maintained. However, mold spores are present everywhere and when conditions are favorable, mold can grow on practically any surface. Observing these guidelines will help minimize the potential for mold growth on gypsum board. DRYWALL MUST BE KEPT DRY to prevent the growth of mold. When transported, gypsum board must be protected during transit with a weather-tight cover in good condition. Plastic shipping bags are intended to provide protection during transit only and must be promptly removed upon arrival of the load. Failure to remove the shipping bag can increase the likelihood of developing conditions favorable to the growth of mold. For storage, gypsum board must be stored in an area that protects it from adverse weather conditions, condensation, and other forms of moisture. Do not store gypsum board on the ground. Proper risers must be used to provide the required support and avoid the material from sagging. Special care should be taken to avoid damages on the board edges, ends and corners of the product. The panel should always be stowed lying down, never on its edges or ends.

Good Installation Practices

Installation

Work temperature must be not less than 50°F / 10° C for the application of adhesives on the drywall when treating joints, texturing and decoration. Proper ventilation in the work area is required.

Decoration

The designer, contractor or proprietor must refer to the Gypsum Association Journal GA-214 "Recommended Levels of Gypsum Board Finish" to select the appropriate level of finishing and get the desired result. All surfaces must be clean, free of dust and grease. For porosity between the surface of the paper and the compound to be smooth, it must be treated and sealed with a primer before the final texturing or finishing.

Fire Resistance

The fire resistance performance desired in joint designs is determined by tests made in independent laboratories. These designs are formed by specific materials under a precise configuration. When designs are chosen to meet certain fire resistance standards, make sure each component of the selected design is the one specified in the test and that all material has been assembled pursuant to the requirements.



Applicable Standards

Manufactured	ASTM C-1396 Section 5 (C-36) ASTM C-36 pursuant to ASTM C-473
Installation	ASTM C-840
Surface Burning Characteristics	ASTM E-84 Flame spread 0 Smoke developed 0

Nominal Dimensions					
Thickness	Width	Length*	Edge Type	Type UL	Thermal Resistance "R"
5/8" (15.9mm)	48" (1219mm o 4ft), 54" (1372mm o 4.5ft)	8' - 12' (2438mm - 3658mm)	Beveled	PRX2	0.48

* Special lengths are available under request. Some restrictions apply.

Physical Properties										
Properties	Weight	Flexural Strength Parallel to fiber	Flexural Strength Across to fiber	Nail Pull Resistance	Core Hardness	Edge Hardness	Nominal Thickness	Tapered Edge Depth (Max-Min)	Length	End Squariness
UNITS	kg/Pz 4x8 lb/MSF	Lb _f	Lb _f	Lb _f	Lb _f	Lb _f	in/1000	in/1000	in	in
ASTM 5/8"	29.9 2.06	≥46	≥147	≥87	≥15	≥15	625 ±15	20 a 90	Nom ±0.25	±0.125

Panel Rey PRX LIGHT 5/8" is classified by Underwriters Laboratories Inc. based on ASTM E-119 and ASTM E-84 standards.

Fire Resistance Classification Type PRX2

Surface Burning Characteristics

Flame Spread 0

Smoke Developed 0

See UL Directory of Products Certified for
Canada and UL Fire Resistance Directory

Panel Rey México, S. A. has the authority to make changes to the information in this document without prior notice. It is not possible to keep all the regulations related to the system up to date, therefore, the user must know these rules. All claims must be in writing and supported by evidence; They must be sent within a period not exceeding 30 calendar days from the date the defect was discovered or should have been discovered and must be within the product warranty period. The client should not alter or repair the affected area until Panel Rey has reviewed the problem and determines the possible cause. The responsibility of Panel Rey México S. A. is limited only to the replacement of the defective material and is not responsible for incidental and unforeseen damages, direct or indirect, or any loss caused by the application of these products that does not conform to the instructions or the intended use, as well as the application of the product after the expiration date.







For more information contact us:

Customer Service USA
1 800 862 9022

Phone
+52 (81) 8345-0055

E-mail
contact.us@gpromax.com

Web Site
www.panelrey.com

