

# Exterior Coating and Fire Resistant Drywall



# Panel de Yeso Exterior Rey X

## Description

Panel Rey® Exterior Coating and Fire Resistant Drywall Exterior Rey X is especially designed to be installed in the external part of the frame of walls or mountings, under other external application materials, such as wood, metal, brick facades, stucco, etc.

This product is a product with a fireproof core essentially made of gypsum and especially treated to be waterproof, and reinforced with the addition of high temperature resistant fibers and special additives to provide a higher resistance and performance when used with previously evaluated products.

It is covered in both sides with 100% recycled paper. The paper, in the front, covers the beveled edges to strengthen and protect the core. The ends are carefully grinded in square cut. Panel Rey® Exterior Rey X Drywall is offered in a wide variety of lengths and standard thicknesses for it to be used for construction purposes. Panel Rey products do not contain asbestos.

## Basic Applications

Panel Rey® Exterior Rey X Drywall is used as a surface for the application of adhesives for ceramic or plastic tiles in moisture exposed areas, for example, close to a bathtub and shower, in sinks, dressing rooms, kitchens, laundry rooms and maintenance rooms. This product can be extended beyond the area to be covered by tile and being treated as in the regular wood joints. It is designed to be fixed with screws, nails or adhesives directly on wood, metal or already existing surfaces. If joints are coated, this drywall prevents smoke from passing through it.

## Limitations

Exterior Coating and Fire Resistant Drywall is designed to be used exclusively indoors. Avoid exposure to temperatures higher than 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. Drywalls are not a structural element and must not be used as bases to put a screw or nail on them. The gap in the ceiling frames must not exceed the recommendations specified in the ASTM C-840 standard (16" o/c for 5/8" of Fire Resistant Drywall when applied parallel to the frame, and 24" when applied perpendicularly to the frame).

## Handling and Storage

Drywalls do not generate nor cause the growth of mold and fungi when they are properly transported, stored, handled, installed and preserved. Drywalls must be always dry to prevent the development of microorganisms. It must be stored in an area where it is protected from the inclemency of the weather, even where there is work in process.

When transported, it must be protected with a proper cover, in good condition. The plastic bags covering the drywall are designed to protect it during its transportation and must be removed once the product arrives and it is unloaded, otherwise it can cause favorable conditions for the growth of mold and fungi.

Do not store drywall on the ground. Sufficient shoe horns must be used to provide the required support and avoid the material to be bulged. Have especial care to avoid damage in the edges of the product and assure a better installation work. Drywall must be always loaded laid down, never on its edges or ends since it is not a stable position and there would be a risk of accident.



Gypsum Brand Tag

## Good Installation Practices

Installation: Work temperature must be not less than 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-214-97 "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.

## Applicable Standards

Manufacture:	ASTM C-1396 Section 9 (C-79)
Installation:	ASTM C-840
Surface Burning Characteristics:	ASTM E-84 Flame spread 0 Smoke developed 0

## 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.

## Product Data

Nominal Dimensions					
Thickness	Width	Length*	Edge Type	Type Accord to UL	Thermal Resistance "R"
5/8" (15.9mm)	4' (1219mm)	8' - 12' (2438mm - 3658mm)	Biselada	ETX	0.48

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

Physical Properties										
Properties	Weight	Flexural Strength	Flexural Strength	Nail Pull	Core Hardness	Edge Hardness	Nominal Thickness	Length	End Squareness	Core Water Absorption
UNITS	kg/Pz 4x8 lb/MSF	Lb <sub>f</sub>	Lb <sub>f</sub>	Lb <sub>f</sub>	Lb <sub>f</sub>	lbf	in/1000	in	in	%
ASTM 5/8"	33.7 2300	≥ 46	≥ 147	≥ 87	≥ 15	≥ 15	625 ±30	Nom ± 0.25	0 ± 0.13	≤ 10

Panel Rey® Exterior Rey X Drywall is classified by Underwriters Laboratories, Inc. under the ASTM E-119 and ASTM E-84 standards.

### Fire Resistance Classification Type ETX

Surface Burning Characteristics

Flame Spread 0

Smoke Developed 0

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



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Drywall Solutions

