

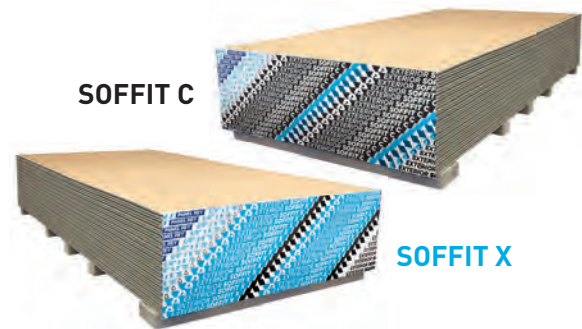
Panel Rey[®] Exterior Soffit
Exterior Soffit X
Exterior Soffit C



Gypsum Board Soffit, Soffit X / Soffit C

Description

Panel Rey's Exterior Soffit and Exterior Soffit X/Exterior Soffit C are products with a fireproof core essentially made of gypsum. The Product Type X and Type C are reinforced with the addition of high temperature resistant fibers and special additives to provide a higher resistance and performance. 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 Exterior Soffit 1/2", Exterior Soffit X 5/8" / Exterior Soffit C 5/8" boards are offered in a wide variety of standard lengths. Panel Rey products do not contain asbestos.



Basic Applications

Panel Rey's Exterior Soffit board 1/2" and 5/8" thick are used for ceiling of carports, open walkways, porches, and soffits of eaves. Exterior Soffit X/ Exterior Soffit C are used to cover protected exterior ceilings in residential and commercial construction projects, normally requiring of a specific assembly for fire resistance. Due to its natural properties, it disperses fire and heat transfer (natural gypsum contains approximately 21% water, which states to evaporate when heated, delaying heat transfer). The core stays fire-resistant, but shrinks due to water loss, and cracks appear; to avoid this, we added high-temperature resistant fibers and additives to expand with neutralized heat. 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 of 1 to 2 coats for protected exterior ceiling. ous moisture, before, during, and after its installation, for example close to pools, saunas or steam rooms. Eliminate moisture.
1/2" Thick -Recommended when a non-rated product is required.

Limitations

Panel Rey's Exterior Soffit, Soffit X, Soffit C are designed to be used for protected exterior ceilings. Avoid exposure to temperatures higher than 125° F/ 52° 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. The gap in the ceiling frames must not exceed the recommendations specified in the ASTM C-840 standard.

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.

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-214-97 "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

Manufactured:	ASTM C-1396 Section 8 (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

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 Information

Product Data						
Type	Thickness	Wide	Lengths*	Edge configuration	UL Type	"R" Value
Soffit	1/2" (12.7mm)				-	0.45
Soffit X	5/8" (15.9mm)	4 ft (1.22 m)	8-12 ft (2.44 -3.66 m)*	Beveled	PRX	0.48
Soffit C	5/8" (15.9mm)				PRC2	0.48

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

Technical Data

Characteristics	Weight	Resistance to the Parallel	Resistance to the Perpendicular	Nominal Thickness	Tapered Edge Depth	Humidified Deflection	Nail Pull	Length	End Squarness
UNITS	Kg/pcs lb/MSF	Lb _f	Lb _f	in/1000	in/1000	(1/8 in)	Lb _f	in	
Soffit	1/2"	20.7 / 1425	≥ 36	≥ 107	625 ± 15	20-90	<4	> 77	± .01 ± 1/8
Soffit X	5/8"	32.8 / 2260	≥ 50	≥ 150	625 ± 15	20-90	<4	> 90	± .01 ± 1/8
Soffit C	5/8"	32.8 / 2260	≥ 50	≥ 150	625 ± 15	20-90	<4	> 90	± .01 ± 1/8

These Panel Rey® products are classified by Underwriters Laboratories, Inc. pursuant to ASTM E-119 and ASTM E-84 standards.

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