

A SOUND CHOICE TO HELP KEEP PROJECTS ON TIME.

01 What are EXACOR[™] panels?

BUILD. PROTECT. LIVE.[™]

EXACOR[™] panels are specifically engineered with the acoustical, fire-rated and dimensional stability performance needs of today's jobsite in mind. Made of magnesium oxide (MgO) and an integrated mesh core, EXACOR panels offer a smooth base for floor coverings. Because EXACOR panels are installed by framers, it can eliminate the need for gypsum underlayment applications, so there is no need to schedule that additional trade to complete installation.



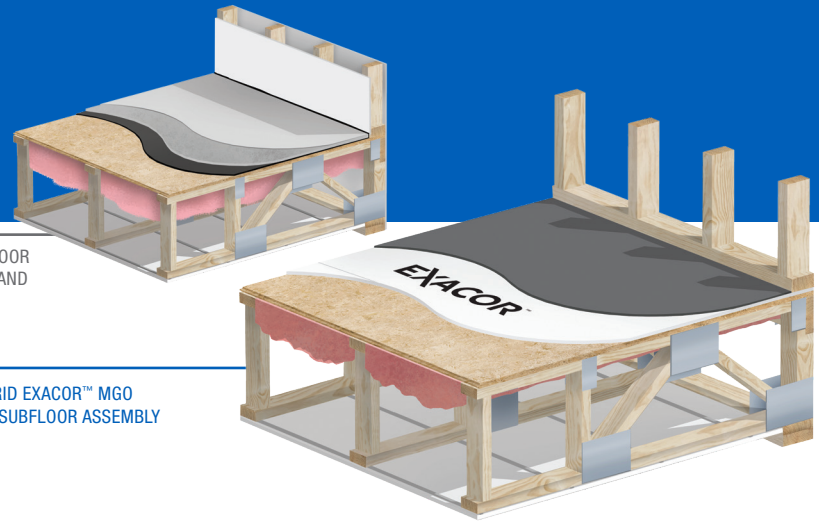
02 EXACOR[™] Underlayment

LOOKING FOR A PRODUCT THAT CAN ELIMINATE GYPSUM UNDERLAYMENT?

EXACOR[™] underlayment panels are specifically engineered to meet the fire-rating¹, sound rating¹ and dimensional stability requirements of most multi-family and light commercial job sites. Made of magnesium oxide and an integrated mesh core, EXACOR underlayment panels are fire resistant². In addition, EXACOR underlayment panels can offer a base for floor coverings that can eliminate the need for gypsum underlayment and the jobsite delays that come with it.

[exacor.com](https://www.exacor.com)

1. EXACOR panels are designed to function as floor panels in specific fire and sound rated assemblies.
2. Follow published fire-resistance rated assembly requirements and consult local building codes and designer of record for fire-resistant design requirements. E84 Standard Test Method for Surface Burning Characteristics of Building Materials conducted on 1/2-in. and 3/4-in. EXACOR panel thicknesses.



GYPSUM CONCRETE SUBFLOOR
ASSEMBLY ON SOUNDMAT AND
OSB SUBFLOOR

HYBRID EXACOR™ MGO
OSB SUBFLOOR ASSEMBLY

03 Benefits

A STRONG CHOICE

A Simple Solution for Sound Control

When used as a part of a STC/IIC tested floor/ceiling assembly, EXACOR™ underlayment panels installed over plywood or OSB subfloors can also help provide the fire and sound ratings you need for your build without the need for gypsum concrete.

Installation Speed & Ease

Unlike gypsum underlayment assemblies that require cure time that can slow or halt construction progress, once EXACOR underlayment panels are installed over plywood or OSB subfloors, construction can continue without delay.

High Quality

We're committed to providing our customers with high-quality, reliable, consistent products. To achieve those standards, EXACOR panels are manufactured in a quality-controlled environment, audited by NTA and UL to maintain manufacturing consistency you can depend on, board after board.

Sound Assemblies

STC RATING (ASTM E90)
57-60³

IIC RATING (ASTM E492)
50-56³

Fire-Resistance Characteristics

ASTM E119 / UL 263⁴
1/2"
UL L528

ASTM E84 / UL 723⁵
Flame Spread Index = 0
Smoke Developed = 0

Mold Resistance⁶ (ASTM G21)

0 Mold Growth Observed

Samples received an average growth rating of 0 meaning there was no observed growth on the test specimens at the completion of the fungal resistance evaluation.

Water Vapor Perm Rating

ASTM E96 METHOD A
≥ 5 perms⁷

ASTM E96 METHOD B
≥ 13 perms⁷

Panel Dimensions

THICKNESS	PANEL SIZE	EDGE PROFILE	WEIGHT (LBS/SF)	PCS/UNIT
5/8" (16 mm)	4' x 8' (1219 mm x 2438 mm)	Straight (Square) Edge	3.3	28
	4' x 9' (1219 mm x 2743 mm)			25
	4' x 10' (1219 mm x 3048 mm)			24
1/2" (12 mm)	4' x 8' (1219 mm x 2438 mm)	Straight (Square) Edge	2.7	38
	4' x 9' (1219 mm x 2743 mm)			33
	4' x 10' (1219 mm x 3048 mm)			32

- EXACOR™ panels are designed to function as wall or floor panels in specific fire and sound rated assemblies.
- Follow published fire-resistance rated assembly requirements and consult local building codes and designer of record for fire-resistant design requirements. E84 Standard Test Method for Surface Burning Characteristics of Building Materials conducted on 1/2-in. and 3/4-in. EXACOR panel thicknesses.
- Sound ratings vary by assembly. Refer to acoustical performance tables on exacor.com/acoustics.
- ASTM E84 tests conducted with 1/2" and 3/4" EXACOR panels.
- Consult the listing at www.UL.com for the complete report. EXACOR panels in ceiling applications are not supported at this time, even if permitted in full UL report.
- 1/2" panels tested for mold resistance in accordance with ASTM G21. Other thicknesses have not been tested to date.
- ASTM E96 Standard Test Methods for Water Vapor Transmission of Materials conducted on 1/2" and 3/4" EXACOR products.

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