

# A SOUND CHOICE TO COMPLETE JOBS FASTER.

**EXACOR™**  
UNDERLAYMENT

## BUILD. PROTECT. LIVE.™

### What are EXACOR® panels?

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, they can eliminate the need for gypsum underlayment applications, so there is no need to schedule that additional trade to complete installation.

[exacor.com](http://exacor.com)



## ELIMINATE GYPSUM UNDERLAYMENT

EXACOR™ underlayment panels are specifically engineered to meet the fire-rating<sup>1</sup>, sound rating<sup>1</sup> and dimensional stability requirements of most multi-family and light commercial job sites. EXACOR underlayment panels are fire resistant<sup>2</sup> and can offer a base for floor coverings that can eliminate the need for gypsum underlayment and the jobsite delays that come with it.



FIRE  
RESISTANCE



SPEED &  
EASE OF  
INSTALLATION



SOUND  
ABSORPTION

1. EXACOR panels are designed to function as floor panels in specific fire and sound rated assemblies.

2. EXACOR™ panels may be used in specific published fire-resistant-rated assemblies as tested in accordance with ASTM E119/ANSI UL 263. Follow published fire-resistance-rated assembly requirements and consult local building codes and designer of record for fire-resistant design requirements.

## A SIMPLE SOLUTION FOR SOUND CONTROL

When used as a part of an 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. In an underlayment application, EXACOR panels can install up to 30% faster than traditional wet laid gypsum underlayment.<sup>6</sup>



**1-HOUR  
FIRE RATED** 

**EXACOR™ MgO 1-HOUR  
UNDERLAYMENT + OSB SUBFLOOR ASSEMBLY\***

**Options to reduce layers by removing  
wet gypsum underlayment**

**Key:**

1. OSB subflooring
2. EXACOR™ underlayment



**READY TO SPECIFY?**

Access full assembly details, requirements and code documents at [SpecifyEXACOR.com](https://SpecifyEXACOR.com)

CHARACTERISTIC	TESTING CRITERIA, ASSEMBLIES & RESULTS	
<b>Sound Attenuation</b>	STC Rating (ASTM E90): 57-60 <sup>2</sup>	IIC Rating (ASTM E492): 50-56 <sup>2</sup>
<b>Mold Resistance<sup>3</sup></b>	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.	
<b>Fire-Resistance<sup>1</sup></b>	ASTM E119 / UL 263 <sup>1</sup> (1/2" underlayment) UL L501 UL L502 UL L525 UL L528 UL L602 UL M500	ASTM E84 / UL 723 Flame Spread Index = 0 Smoke Developed = ≤ 5
<b>Water Vapor Perm Rating</b>	ASTM E96 METHOD A: ≥ 5 perms <sup>4</sup>	ASTM E96 METHOD B: ≥ 13 perms <sup>4</sup>

THICKNESS	PANEL SIZE <sup>5</sup>	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
1/2" (12 mm)	4' x 8' (1219 mm x 2438 mm)	Straight (Square) Edge	2.7	38

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2. Sound ratings vary by assembly. Refer to acoustical performance tables on [exacor.com/acoustics](https://exacor.com/acoustics).
3. 1/2" panels tested for mold resistance in accordance with ASTM G21. Other thicknesses have not been tested to date.
4. ASTM E96 Standard Test Methods for Water Vapor Transmission of Materials conducted on 1/2" and 3/4" EXACOR products.
5. Oversized panels available: 4' x 9' (1219 mm x 2743 mm), 4' x 10' (1219 mm x 3048 mm).
6. According to an independent 3rd party study comparing the install time of wet-laid gypsum over subfloor verse EXACOR underlayment panels over subfloor.

\* See applicable design listing for full assembly details and requirements. View our technical documents and specs at [huberwood.com/exacor/wall-sheathing#specify](https://huberwood.com/exacor/wall-sheathing#specify)