

# FIRE RESISTANCE & STRENGTH FOR EXTERIOR WALLS

**EXACOR**<sup>™</sup>  
WALL SHEATHING



## BUILD. PROTECT. LIVE.<sup>™</sup>

### What are EXACOR<sup>®</sup> panels?

EXACOR panels are engineered to provide structural support, dimensional stability and fire-resistance<sup>1</sup> for wood-framed multifamily and light commercial builds. Cementitious panels primarily made with naturally-occurring materials reinforced with layers of fiberglass mesh, EXACOR sheathing is an alternative to gypsum-based exterior sheathing or treated wood panels with options for 1- and 2-hour fire-rated assemblies.<sup>2</sup>

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

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5/8" SHEATHING  
INSTALL SMOOTH SIDE OUT

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

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## STREAMLINE ASSEMBLY DESIGN

EXACOR<sup>®</sup> sheathing panels are easily installed by framing crews familiar with installing OSB or plywood sheathing. EXACOR panels provide a fire resistant solution that can help reduce material and related labor costs for 1- and 2-hour fire-rated wall assemblies.<sup>2</sup>



FIRE  
RESISTANCE



STRUCTURAL  
INTEGRITY



WEATHER  
EXPOSURE UP  
TO 200 DAYS

1. 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.

2. According to ICC-ES ESL-1290.



### 1-HOUR FIRE RATED

1-HOUR EXT. | 1-HOUR INT.



### 2-HOUR FIRE RATED

1-HOUR EXT. | 2-HOUR INT.



### 2-HOUR FIRE RATED

2-HOUR BOTH SIDES



**EXACOR™ MgO 1-HOUR WALL ASSEMBLY<sup>1</sup>**  
MOS-1290-04 (ESL-1290)

**Key:**

- 1. EXACOR™ sheathing
- 2. fiberglass insulation
- 3. wood framing
- 4. gypsum



**EXACOR MgO 2-HOUR WALL ASSEMBLY<sup>1</sup>**  
MOS-1290-06 (ESL-1290)

**Key:**

- 1. wood siding, fiber-cement, stucco or brick
- 2. EXACOR™ wall sheathing
- 3. fiberglass insulation
- 4. wood framing
- 5. gypsum



**EXACOR MgO 2-HOUR WALL ASSEMBLY<sup>1</sup>**  
MOS-1290-07 (ESL-1290)

**Key:**

- 1. gypsum
- 2. fiberglass insulation
- 3. wood framing
- 4. EXACOR™ wall sheathing

#### Options to provide design flexibility with code approved siding materials

#### Options to enhance labor savings with single layer sheathing

#### Options to eliminate the need for gypsum shaftliner

PANEL THICKNESS	PANEL SIZE	WEIGHT (LBS/SF)	MAX SUPPORT SPACING (IN)	EDGE/FIELD SPACING (IN) <sup>2</sup>	ALLOWABLE SHEAR VALUES (PLF) <sup>2</sup>	TRANSVERSE WIND LOADS (PSF) <sup>2</sup>	FIRE-RESISTANCE RATED ASSEMBLIES (ESL 1290)	CODE EVALUATION REPORT
1/2" (12mm)	4' x 8' (1220mm x 2440mm) Oversized panels available upon request	2.7	24	4/6	270	+/- 38	1 hr Exterior Load Bearing Wall MOS-1290-04	ESR-4635
					Up to 335 plf available in ESR-4635		1 hr Exterior Load Bearing Wall MOS-1290-06	
5/8" (16mm)	4' x 8' (1220mm x 2440mm) Oversized panels available upon request	3.3			265	+/- 68	2hr Load Bearing Double Wall MOS-1290-07	
					Configurations achieving 340 plf available in ESR-4635		2 hr Exterior Load Bearing Wall MOS-1290-03	ESR-4635

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

2. Limitations and restrictions apply. See ESR-4635 for full details.

Exterior walls in Type III Construction that are greater than 40ft in height above grade plane are subject to compliance with NFPA 285. Please refer to ESL-1290 for more information on how to meet compliance with NFPA 285 when using EXACOR sheathing.



#### READY TO SPECIFY?

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

