

“Cut-In” Installation of EXACOR® Underlayment Between Framed Walls

The primary installation method for EXACOR® floor underlayment is to install the panels in a manner that covers the entire floor system before the construction of wall framing. This method reduces the installation time and creates the least waste. However, EXACOR underlayment may be installed after the walls have been constructed. This Technical Tip covers the installation process for EXACOR underlayment panels installed between wall framing – sometimes called “cut-in.”



Fire-Resistance Ratings

EXACOR underlayment is listed in several ANSI/UL 263 fire-resistance rated designs. If fire-resistance ratings are required, follow all requirements of the fire-resistance rated design that has been specified. Refer to the [EXACOR Sound & Fire Assemblies Handbook](#) for a current list of UL assemblies.

For substitutions in projects where EXACOR panels were not part of the original specification, the Designer of Record (DOR) must determine the suitability of EXACOR underlayment and its related fire designs for fitness with the actual construction of the floor/ceiling assembly in the field and submit all required documentation for review by the Authority Having Jurisdiction (AHJ). Additionally, DOR is responsible for properly detailing intersections of fire-resistance rated assemblies for continuity.

Cut-In Installation

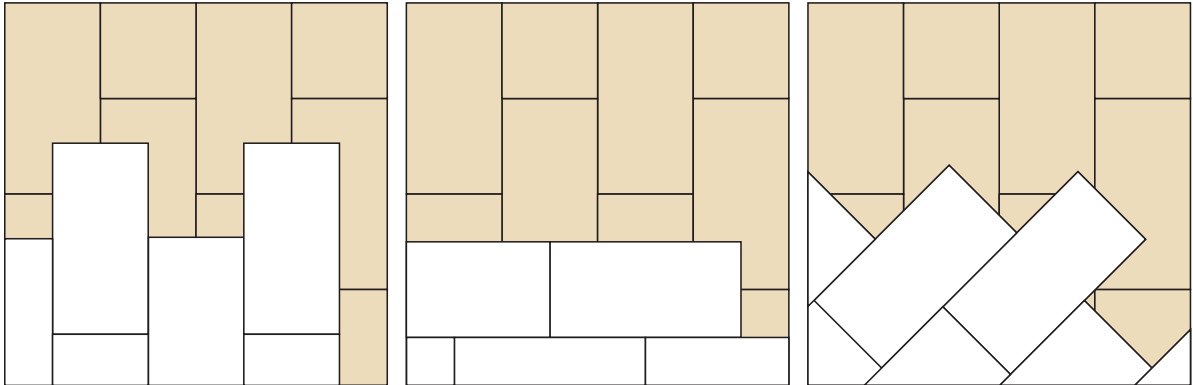
The information contained in this document is intended to supplement the [EXACOR Underlayment Installation Manual](#). Please refer to the EXACOR Underlayment Installation Manual for full details and requirements related to uses, limitations, storage, precautions, safe handling, cutting, installation, and all other applicable requirements.

Substrate

- EXACOR panels must be installed over wood structural panel subflooring having a minimum span rating of 24-inches on center and a Performance Category of 23/32.
- Ensure all subfloor panels are structurally sound. Repair or replace damaged subfloor panels before proceeding.
- Identify and correct any inconsistencies in the flatness or surface quality of the substrate before installation. Some common sources of flatness issues include framing irregularities, swollen subfloor panel edges, debris and dirt.
- Thoroughly clean the area, ensuring that the wood structural panel subflooring is free of dust, debris, standing water, or any other contaminants that would interfere with the proper installation of EXACOR underlayment panels.

Panel Layout

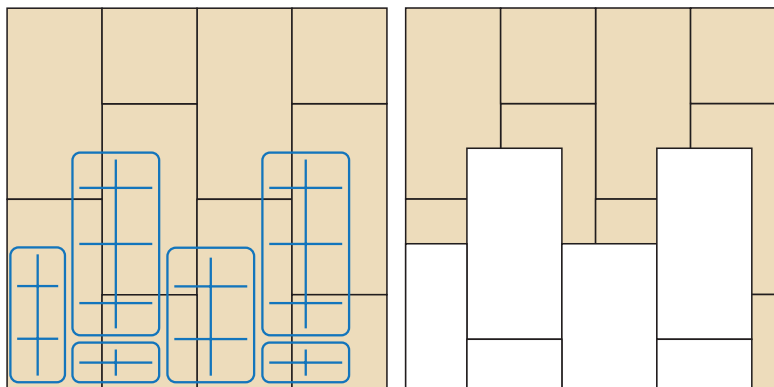
- All EXACOR® panel edges must be offset from wood structural panel edges by a minimum of 4-inches.
- EXACOR panels may be installed with the long dimension parallel, perpendicular or diagonal to the long dimension of the wood subfloor.
- Leave a gap of approximately ¼-inch between the EXACOR panel edges and bottom plates of wall framing.
- The International Building Code (IBC) does not address the gap between the panel edge and the wall bottom plate. Consult with Designer of Record and Authority Having Jurisdiction on proper detailing to maintain fire and sound continuity.



Panel Installation

Adhesive

- Select and apply construction adhesive per the EXACOR Underlayment Installation Manual.
- Apply adhesive under all panel edges and a maximum 24-inch grid pattern in the middle of the panel. Adhesive pattern may need to be tighter than 24-inches for cut panels.



Fastening

- Fasten panels using corrosion-resistant fasteners as prescribed in the EXACOR Underlayment Installation Manual.
- All fasteners shall be installed flush or slightly driven below the EXACOR panel surface to prevent interference with the finished floor covering.

Please visit huberwood.com or contact our technical department at 800-933-9220 Ext 2716 or at techquestions@huber.com with any questions or comments.