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- Step by step installation of corrugated steel decking and resin.

- Refer to installation drawings for orientation of flooring

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$\phi 1/4'' \times 1''$ HEX HEAD TEK SCREW

$\phi 1/4'' \times 1 3/4''$ HEX HEAD TEK SCREW

$\phi 1/4'' \times 4''$ FLAT HEAD TEK SCREW

$\phi 1/4'' \times 2''$ FLAT HEAD TEK SCREW

RESINDEK APPROVED WOOD SCREW

$\phi 5/16'' \times 1''$ BOLT
STEP 1

STEEL DECK (ROOF DECK)

⚠️ For all types of flooring notching and fitting may occur

- Column/extension post
- Handrail post
- Kickplate
- Channel/joist

Max 12” center

(TOP VIEW)

(36/4 pattern unless otherwise specified in install manual.)

ø1/4”x1” hex head tek screw
Before starting, always refer to the installation plans for your project. For any additional requirements detailed specifically for your project. Install roof deck panels starting with row 1. Always begin from edge of a channel or wall. Check on your installation drawings to know where to put the first panel and the length of it. Continue with row 2 and fix it side by side with an overlap all along the panel.

Row 1

Row 2

Overlap of 3" min

Row 3

Row 4

Row 5

In order to prevent joist rotation, steel deck must be screwed on all joists at 12" max. distance. Or as indicated on the install plans.

Once you’ve reached the last row, you may trim the roof deck along edge of the channel or toward the wall or you may leave the overlap.
STEP 2

FLOORING (COMPOSITE RESIN BOARD)

Cutting and fitting for composite deck is done by installer.

VERY IMPORTANT
ALWAYS leave 3/8" gap between walls and edges of panels around the perimeter of the Pre-Engineered Floor Decking System. Leave 1/8" gap between each row.

IF YOU DO NOT FOLLOW THESE INSTRUCTION, THE FLOORING WILL BUCKLE

Approved screw must be placed just below the panel surface (A). Do not place approved screws too low (B) or too high (C) in the panels.
Try to always lay panels perpendicular to steel deck

Use approved ResinDek wood screw only (screw at every 18")

Stagger panels so that joints break on different ribs. 48” x 6” x 20 gauge min. steel shims are used if joints break on a valley.

* Cogan Supplies Limited Amount of Shims Per Project.
Keep them for future projects if you do not use them all. If you require more, contact Cogan at 1-800-567-2642.

Composite resin board
STEP 3
WALL BRACKET

- Anchor
- Screw
- Channel
- Wall
OPTIONAL

OPTIONAL PART (LOADING PLATE)

Install the loading plate at gate opening (swing, sliding or lift-out). To attach, tek screw to the flooring along the edge of loading plate.

THE LOADING PLATE IS SIZED TO MATCH THE OPENING, NO ADJUSTMENT REQUIRED