



**NOTE: DO NOT pair two “female” halves. Icons must be paired with one “female” half (center hub is an innie) and one “male” half (center hub is an outie).**

## **Orientation:**

The orientation of the connectors is very important.

- **The majority of projects have IconX Connectors oriented vertically in the panel.** Some projects have connectors in 2 directions. Make sure to highlight these differently oriented connectors on drawings and double-check them during QC before the concrete sets.
- IconX Connectors lose 90% of strength when oriented incorrectly.
- Always follow engineering drawings to determine connector orientation. If drawings are unclear, contact your engineer and/or IconX prior to pouring.



## **Fully Open:**

Make sure the Icons are fully open and the **‘heels’ are touching the foam**. If the foam is already installed and the Icons are not fully open, step on top of the Icon or spread the legs apart by hand until the heels touch the insulation.





## Moving Icons:

Icons can be moved as much as 6-12 inches if needed.

- If there is an insert or blockout in the way, drill a new hole for the Icon and fill the old hole with the foam plug from the new hole.
- **Move the Icon horizontally** (towards or away from the side of the panel). If possible, don't move the Icon vertically.
- **Insert Icons in foam when the foam is NOT in the concrete.** If an Icon needs to be moved, lift the insulation sheet out of the concrete before installing the Icon in the new hole.
- If there is interference with the reinforcement, small adjustments without drilling a new hole for the Icon should be sufficient.

## Tolerances Allowed:

- Icons should be oriented within 5° of what the drawings show
- Connectors should be vertical and not leaning or tilting
- Holes should be drilled within 3 inches of foam drawings (except in cases of interference as detailed above).

## Walk in the Insulation:

**While the concrete is still fresh, walk on top of the foam** to set the Icons into the first layer of concrete.

- Not recommended for white foam 2" thick or less, which will crack and break underfoot.
- For stiffer concrete mixes or concrete that is beginning to set, light vibration on the connector may be required for good consolidation.



## **Get off the insulation.**

- After installation and QC is complete, get off and allow concrete to set with as little disruption as possible.