

RETROFIT BRACKET - Technical Bulletin

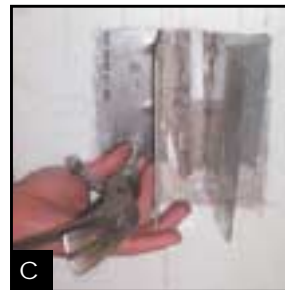
The NUDURA® retrofit bracket is used when a change or error occurs after concrete has been placed into the forms and cured. This bracket is primarily used for such applications as floor or deck connections, mono truss connections, or anchoring/fastening an interior or exterior applied framed partition wall to an ICF wall.

CONSISTS OF:

- 2 L-shaped stamped plates which are affixed to the concrete

- 4 wedge anchors 3/8" x 4" (10mm x102mm) or 5"(127mm) in length are also required for each set of 2 L-shaped stamped plates

NOTE: The EPS must be completely removed to expose the concrete before attachment of the retrofit bracket to the concrete. EPS can be reinstalled around the brackets or spray foam can be applied, once the wedge anchors have been installed and tightened.



INSTALLATION INSTRUCTIONS

1. Determine location where bracket is to be mounted (ie. elevation and spacing).
2. Cut away and remove foam in the insertion area. (See A)
3. Fasten the first piece of the retrofit bracket directly onto the concrete using 3/8" x 4" (10mm x102mm) or 5"(127mm) wedge anchor. (See B)
4. Fasten second piece of the retrofit bracket onto the concrete making sure to leave proper spacing for the joist or truss member to be attached. (See C & D)
5. Chalk a second line at either the top or bottom elevation of the truss/joist to be installed. This should be done with a transit or a laser level.
6. Fit the framing member stamped bearing bracket at the bottom end of the joist or truss as shown. (See E & F)
7. Slide the joist or truss member and stamped bearing bracket down between the foam retrofit brackets ready for anchorage at the desired height.
8. Once positioned so that the joist is in line with the final chalk line, fasten through both the retrofit bracket and the stamped bearing bracket perforations in an offset triangle fashion, using a #12 self tapping/self drilling screw to ensure solid anchorage of the stamped bearing bracket into position. (See G)
9. Reinstall the displaced foam or fill the cavity with spray foam to complete installation.

