



RIDG-U-RAK®

RIDG-U-RAK, INC. NORTH EAST, PA 16428

Pellegrino Seismic Base Isolator

Installation Procedure

1. Layout floor establishing down-aisle and cross-aisle chalk lines for the rack location.
2. Place the first base isolator on the floor lining up the front of the base isolator with the down-aisle chalk line.
3. Place the frame onto the base isolator by aligning the holes in the frame baseplate with the threaded studs of the base isolator. Take particular care not to damage the threads of the studs when placing the frame.
4. Thread the nylon insert nuts onto the studs by hand until the nylon contacts the threads. Tighten each nut until it contacts the baseplate and torque to 45 ft-lbs (61 N-m), **DO NOT OVER TIGHTEN.**
5. If installation is for a back-to-back row, install all frame spacers for the starter bay at this time.
6. Install all beam levels in the starter bay only.
7. Check the frames for plumb and shim the base isolator (not the frame) as required. If the floor has excessive slope, shims of varying length may be required to create a “stepped” shim pack arrangement.
8. Establish the proper bay center-line dimension of the base isolators (not the frames).
9. Square the base isolators (not the frames) and recheck the center-line dimension.
10. Once the center-line and square dimensions are correct and the frames are plumb, anchor the base isolators of the starter bay only.
11. Continue to build bays, checking bay center-line and square dimensions of the base isolators and proper plumbness of the frames. Keep in mind that the bay center-line dimension may vary slightly due to manufacturing tolerances of the beam length and frame column punching.