

Stud Shoe Installation

Tools & Materials Needed:

- Stud shoe (available in various sizes and types)
- Drill
- Screws or nails (as recommended by the manufacturer)
- Level
- Measuring tape



Step-by-Step Installation:

1. Identify the Notched or Weakened Stud

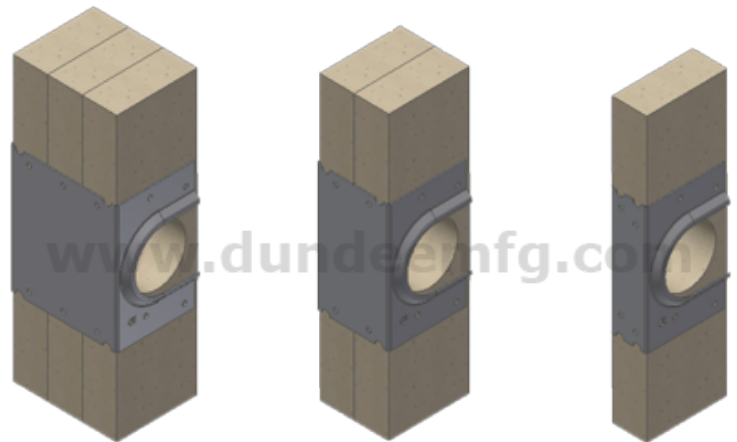
- Stud shoes are used when a stud is cut or notched beyond standard building code limits.
- If you're reinforcing a stud for load-bearing walls, make sure the stud shoe is rated for structural support.

2. Choose the Right Stud Shoe

- There are U-shaped stud shoes that wrap around the notch and flat-plate versions for reinforcement.
- Match the stud shoe size to your stud (typically 2x4 or 2x6).

3. Position the Stud Shoe

- Place the stud shoe over the notched or cut area, ensuring it fully covers the weakened section.
- The open side of the U-shape should face outward.



4. **Secure the Stud Shoe**

- Screws or Nails?
 - Most manufacturers recommend using structural screws or 10d nails.
- Fasten Securely
 - Drill pilot holes if necessary to prevent splitting.
 - Drive the fasteners into the stud, not just into the shoe.
 - Ensure the shoe is snug against the wood for full support.

5. **Check for Stability**

- Use a level to make sure the stud remains straight after reinforcement.
- If needed, reinforce with an additional adjacent stud or blocking.

6. **Final Inspection**

- Ensure the fasteners are fully seated and the stud shoe is tight.
- Confirm that the plumbing, wiring, or other utilities fit properly.

Pro Tips:

- ✓ Don't cut too much—studs must retain enough wood for the stud shoe to be effective.
- ✓ Use code-compliant stud shoes for structural applications.
- ✓ For deep cuts or large holes, consider sistering another stud alongside for extra reinforcement.



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