



Town of Clover
Development Services
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CODE INTERPRETATION

QUESTION

What are the requirements for shims used between a foundation pier and house floor framing?

CODE REFERENCE:

Clover Policy

ANSWER

Metal shims are preferred to prevent compression and decay. Metal shims must meet conditions 1-4 below.

It is acceptable to use wood shims, provided:

1. The center of the beam must be in the center third of the pier.
2. Shim must be completely under beam width for complete support across beam width.
3. The minimum width dimension of the shim must equal or exceed the length dimension of the shim.
4. All shims are limited to 4" in height, if over 4" masonry should be extended on pier.
5. Shims must be of the same grade and species of material as the beam. If a lower grade species of material is used, the bearing stresses must be verified by an engineer or architect.
6. Shims used in contact with masonry material must be treated wood.
7. If the shims are built in layers, they must be connected to prevent movement.
8. Shims must be free of splitting, cuts, or notches.

A handwritten signature in black ink that reads "Joe Anderson".

Building Official / Town of Clover

Date: February 1, 2011