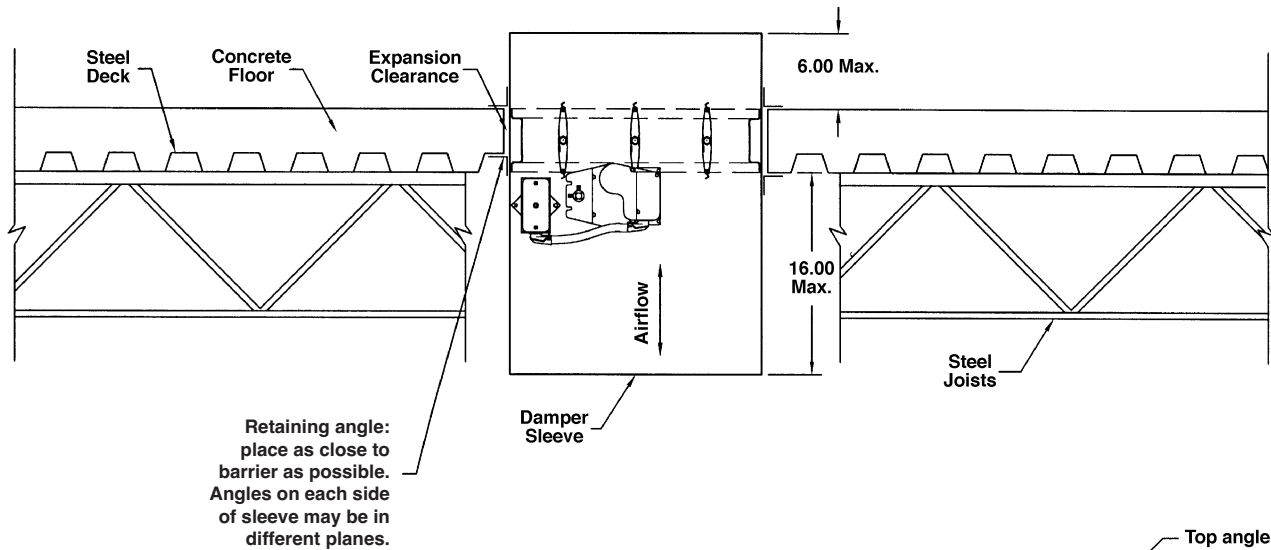


FIRE AND COMBINATION FIRE AND SMOKE DAMPER INSTALLATION IN CONCRETE FLOOR WITH STEEL DECK INSTALLATION INSTRUCTIONS SUPPLEMENT

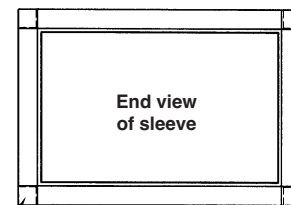
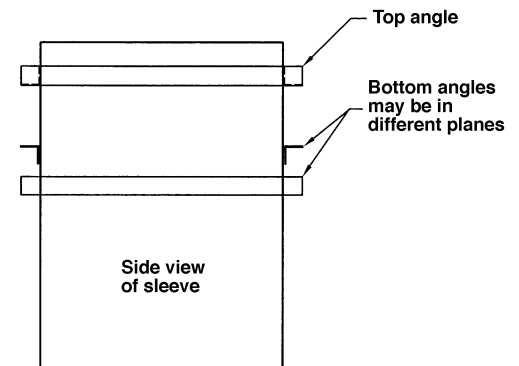


APPLICATION

Horizontal installation of fire and combination fire and smoke dampers in concrete floors utilizing a steel deck may not allow the bottom angle to be placed against the steel deck on an even plane. This installation details how to properly install the required angles next to the steel deck.

NOTES

1. Retaining angles are required on top and bottom sides of the damper as detailed in the damper installation instructions. Angles may be reversed so that one leg of the angle points into the floor opening.
2. Installation of the bottom angle against the uneven steel deck shall be done so the angles on each side of the sleeve are as close to the barrier as possible. The angles may be in different planes relative to each other (see figures 1 and 2).
3. When viewed from the end of the sleeve, the angles must overlap each other in the corners to prevent "see through."



Angles must overlap in corners



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