



Ducts and transfer openings that penetrate fire partitions generally need listed fire dampers. "The building is sprinklered" is not an exception. The four 607.5.3 exceptions are useful and they are not casual. Name the wall, the occupancy, the sprinkler status, and which exception — or show the damper.

Original Masterbuild PE packet from Daily Code Talk on 2024 IMC 607.5.3. Confirm the adopted edition and the IBC assembly type. This is not a damper schedule.

☐ **Confirm the wall is a fire partition before applying 607.5.3. A wall labeled fire partition on the architectural life-safety plan**

Exception 1: occupancies other than Group H — fire dampers not required at certain corridor walls in fully sprinklered buildings where the duct is protected as a through-penetration per IBC 714.

☐ **Exception 2: certain mall tenant partitions where those walls are not otherwise required by the IBC to extend to the under**

Exception 3 (small duct): all seven conditions at once — duct area not more than 100 square inches, minimum steel thickness, no corridor-to-room openings, above ceiling, no wall-register termination, steel sleeve and retaining angles, mineral wool at the annular space. Missing even one disqualifies it.

☐ **Exception 4: ducted HVAC through a fire partition rated 1 hour or less in a non-Group H area of a fully sprinklered building**

On the set: which exception, if any. For Exception 3, show all seven conditions — not just the duct area.

The fail we see first

No damper because "it's sprinklered." Group H corridors have no exceptions. Exception 3 claims that terminate with a wall register are out.

What to send: life-safety plan with fire partitions marked, the duct plan at those walls, occupancy (including any Group H), and whether the building is fully sprinklered.

Send the comments. Not the County guideline.

Folio (does it start with 30?), process or UP number, and the comments PDF. Masterbuild will say which row is actually open.

masterbuildconsulting.com/send/

+1 (786) 398-6940 · Calendly: 30-minute scoping call

Masterbuild provides engineering services under a written scope. Not a damper schedule. Confirm adopted 607.5.3. This is not legal advice.