



The duct can be sized and installed correctly and the system still fails review at the air outlet. Registers, grilles, and diffusers have to be installed per the manufacturer, adjustable for balancing with access to that adjustment, and kept out of wet-room floors the IBC requires to be smooth, hard, and nonabsorbent. Dwelling units are the exception.

Original Masterbuild PE packet from Daily Code Talk on 2024 IMC 603.18–603.18.2. Confirm the adopted edition. Distinct from air balancing (608) and flexible ducts (603.6). This is not a device schedule.

☐ **603.18: install per the manufacturer. Supply-air adjustment in the branch duct or at each individual register, grille, or diffuser.**
Show how each supply device will be balanced on the set — not only in the spec.

☐ **603.18.1: floor registers must resist a 200-pound concentrated load on a 2-inch-diameter disc without structural failure.**
603.18.2: prohibited in the floor, or the upward extension of the floor, within toilet and bathing rooms that must have those IBC wet-room surfaces. Exception: dwelling units.

☐ **Coordinate wet-room floors on the architectural sheets before interior elevations lock.**
Comments show up late because air devices get treated as finish.

The fail we see first

A floor grille in a public restroom. Or a supply with no accessible balancing means. The permit comment arrives after finishes are bought.

What to send: the air-device layout (especially restrooms), whether each supply has an accessible balancing means, and whether any floor registers are in public wet rooms.

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.

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

Masterbuild provides engineering services under a written scope. Not a device specification. Confirm adopted 603.18. This is not legal advice.