



Enclosed Class I organic coating: at least 1 cubic foot per minute per square foot of solid floor, picked up at the floor, discharged outdoors.

Original Masterbuild PE packet from Daily Code Talk on 2024 IMC 502.12. Confirm the adopted edition. Distinct from 502.7 spray finishing and 502.8 maximum allowable quantity. This is not a coating-booth design.

☐ **≥ 1 cfm per square foot of solid floor. Floor area, not wall area.**

Sweep the floor with clean makeup air. Do not take makeup from a hazardous room.

☐ **Pickup at floor level — solvent vapor is heavier than air.**

A high grille at the opposite wall leaves the vapor on the slab.

☐ **Discharge outdoors. Do not manifold into environmental return.**

If concentrations are high, 509 hazardous exhaust is a different question.

The fail we see first

A 400-square-foot coating room with a 150-cfm ceiling fan. 1 cfm/ft² on 400 ft² is 400 cfm at the floor, plus makeup that actually sweeps.

What to send: floor area of the enclosed coating room, a section showing inlet height, and whether discharge and makeup are dedicated.

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 coating-booth design. Confirm adopted 502.12. This is not legal advice.