



| v3 - LEED 2008

Contaminant control in mid-rise buildings

MEQc8 | Possible 4 points

Glossary

Intent

Reduce occupant's and construction workers' exposure to indoor airborne contaminants through source control and removal.

Requirements

Prerequisites (Mandatory Measures)

None.

Credits (Optional Measures)

8.1 Indoor contaminant control during construction (1 Point). Upon installation, seal all permanent ducts and vents to minimize contamination during construction. Remove any seals after all phases of construction are completed.

8.2 Indoor contaminant control for mid-rise (1 Point each, Max. 2 Points). Select from the measures below:

- a. For individual units with primary entrances that lead to the outdoors, design and install permanent walk-off mats at each entry that are at least 4 feet in length and allow accessibility for cleaning (e.g. grating with catch basin).

AND

For common entryways, employ permanent entryway systems at least 10 feet long in the primary direction of travel to capture dirt and particulates entering the building at regularly used exterior entrances. Acceptable entryway systems include permanently installed grates, grills and slotted systems that allow for cleaning underneath. Roll-out mats are acceptable only when maintained on a weekly basis by a contracted service organization. Qualifying entryways are those that serve as regular entry points for building users, and that are directly connected to the outdoors.

- b. In each unit, design a space near entryway for removing and storing shoes that is separated from living areas. This space must be large enough to accommodate a bench and at least 2 pairs of shoes per bedroom, and must not have conventional carpet. Carpet tile is acceptable if it's specifically designed for entryway systems or similar use, including performance attributes equivalent to other acceptable entryway systems.
- c. Install a central vacuum system in each unit with exhaust to the outdoors. Ensure exhaust is not near ventilation air intake.

8.3 Preoccupancy flush (1 Point). Flush each unit with fresh air, according to the following guidelines:

- a. Flush prior to occupancy but after all phases of construction are completed.
- b. Flush the entire unit, keeping all interior doors open.
- c. Flush for 48 total hours; the hours may be nonconsecutive, if necessary.
- d. Keep all windows open and run a fan (e.g., HVAC system fan) continuously or flush the home with all HVAC fans and exhaust fans operating continuously at the highest flow rate.
- e. Use additional fans to circulate air within the home.
- f. Replace or clean HVAC air filter afterward, as necessary.