LEED BD+C: Homes | v2008

Contaminant control

EQc8 | Possible 4 points

Intent

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

Requirements

Prerequisites

None.

Credits

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** (1 point each, maximum 2 points). Select from the following measures:

a. 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).

b. Design a shoe removal and storage space near the primary entryway, separated from living areas. This space may not have wall-to-wall carpeting, and it must be large enough to accommodate a bench and at least two pairs of shoes per bedroom.

c. Install a central vacuum system with exhaust to the outdoors. Ensure that the exhaust is not near any ventilation air intake.

8.3 **Preoccupancy flush** (1 point). Flush the home with fresh air, according to the following guidelines:

1. Flush prior to occupancy but after all phases of construction are completed.
2. Flush the entire home, keeping all interior doors open.
3. Flush for 48 total hours; the hours may be nonconsecutive, if necessary.
4. 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.
5. Use additional fans to circulate air within the home.
6. Replace or clean HVAC air filter afterward, as necessary.