



Fireblocking and Draftstopping

Fireblocking

- In combustible construction, fireblocking shall be provided to cut off all concealed draft openings, both vertical and horizontal, and to form an effective fire barrier between stories and between a top story and the roof space and be provided in the following locations (R302.11):
 - In concealed spaces of stud walls and partitions, including furred spaces and parallel rows of studs or staggered studs, as follows:
 - Vertically at the ceiling and floor levels.
 - Horizontally at intervals not exceeding 10 feet (3048 mm).
 - At all interconnections between concealed vertical and horizontal spaces such as occur at soffits, drop ceilings and cove ceilings.
 - In concealed spaces between stair stringers at the top and bottom of the run. Enclosed spaces under stairs shall comply with Section R302.7.
 - At openings around vents, pipes, ducts, cables and wires at ceiling and floor level, with an approved material to resist the free passage of flame and products of combustion. The material filling this annular space shall not be required to meet the ASTM E 136 requirements.
 - For the fireblocking of chimneys and fireplaces, see Section R1003.19.
 - Fireblocking of cornices of a two-family dwelling is required at the line of dwelling unit separation.

Fireblock materials

- Two inch nominal lumber, plywood, OSB, particle board, gypsum board, cement board, fiber glass and cellulose are all approved firelock materials (R302.11.1).

Draftstopping

- In combustible construction where there is usable space both above and below the concealed space of a floor/ceiling assembly, draftstops shall be installed so that the area of the concealed space does not exceed 1,000 square feet and the space shall be divided into approximately equal areas (R302.12).

Draftstop materials

- Plywood, OSB and gypsum board are all approved draftstop materials (R302.12.1).

Call the City of Mendota Heights' Department of Building Safety at 651 452 1850 if you have questions (8:00-4:30 M-F).