

10A NCAC 14J .1513 WALLS

Walls and partitions shall be made of either reinforced concrete or masonry or the following materials:

- (1) Steel grating of either tool-resisting steel or open hearth steel as specified in the plans:
 - (a) Tool-resisting steel grating shall meet the following construction requirements:
 - (i) Seven-eighths of an inch or one inch diameter vertical double-ribbed round bars spaced not over four inches on center, passing through and interlocking at each intersection with 3/8 inch x 2-1/4 inches or 3/8 inch x 2-1/2 inches tool-resisting flat bars spaced on 12 inch centers for 7/8 inch bars and on 18 inch centers for one inch bars;
 - (ii) Vertical framing bars shall be 3/8 inch x 2-1/4 inches or 3/8 inch x 2-1/2 inches tool-resisting flat bars.
 - (b) Open hearth steel grating shall meet the following construction requirements:
 - (i) Seven-eighths of an inch or one inch diameter vertical double-ribbed round bars spaced not over four inches on center, passing through and interlocking at each intersection with 3/8 inch x 2-1/4 inches or 3/8 inch x 2-1/2 inches horizontal flat bars spaced on 12 inch centers for 7/8 inch bars and on 18 inch centers for one inch bars;
 - (ii) Vertical framing bars shall be 3/8 inch x 2-1/4 inches or 3/8 inch x 2-1/2 inches open hearth flat bars.
- (2) Steel plate used in a wall or ceiling shall meet the following construction requirements:
 - (a) not less than 3/16 inch open hearth steel, or
 - (b) not less than 1/4 inch tool-resisting steel.

History Note: Authority G.S. 153A-220; 153A-221;
Eff. June 1, 1990;
Pursuant to G.S. 150B-21.3A, rule is necessary without substantive public interest Eff. January 5, 2016.