

**SECTION R 309  
GARAGES AND CARPORT**

**R309.1 OPENING PROTECTION.** Openings from a private garage directly into a room used for sleeping purposes shall not be permitted. Other openings between the garage and residence shall be equipped with solid wood doors not less than 1 3/8 inches (35mm) in thickness, solid or honeycomb core steel doors not less than 1 3/8 inches (35mm) thick, or 20 minutes fire-rated doors.

**R309.1.1 DUCT PENETRATION.** Ducts in the garage and ducts penetrating the walls or ceilings separating the dwelling from the garage shall be constructed of a minimum No. 26 gage (0.48mm) sheet steel or other approved material and shall have no openings into the garage.

**R309.2 SEPARATION REQUIRED.** The garage shall be separated from the residence and its attic area by not less than 1/2 inch (12.7mm) gypsum board applied to the garage side. Garages beneath habitable rooms shall be separated from all habitable rooms above by not less than 5.8 inch (15.9mm) Type x gypsum board or equivalent. Where the separation is a floor-ceiling assembly, the structure supporting the separation shall also be protected by not less than 1/2 inch (12.7mm) gypsum board or equivalent.

