QAI Design B1067-1c – ROCKWOOL COMFORTBOARD™ 80 / COMFORTBOARD™ 110
NBC 3.1.5.12 – 4(d) (CAN/ULC-S101) Non-Load Bearing Fire-Resistance-Rated Construction

![Diagram of construction](image)

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| 1   | Insulation Board | Overall thickness: 3 in (76 mm)  
Layers of insulation: Two - 1-1/2 inch (38 mm) thick  
Certified Manufacturer: ROCKWOOL  
Certified Product Name: COMFORTBOARD™ 80 / COMFORTBOARD™ 110  
Nominal Density: Minimum 8.0 lb/ft³ (128 kg/m³)  
Fastening Detail: No fasteners are required on the first layer, first layer to be installed to ensure remains in place during fire event. On the second layer 3-1/2 inch (89 mm) by no. 8 wood screws with 1/4 inch (6 mm) x 1-1/2 inch (38 mm) diameter fender washers were used at the following locations. Each stud location one fastener was placed 4 inch (100 mm) from the bottom of the board and one fastener was placed 4 inch (100 mm) from the top of the board. At vertical joint locations fasteners were placed between the two panels. Horizontal joints and vertical joints were staggered so that the first and second layer joints did not align. |
| 2   | Studs | Stud Type: Wood  
Minimum Size: 2 inch x 4 inch  
Minimum Stud Spaced: 16 inch (400 mm) on center |

Note: 1 designates properties for ROCKWOOL COMFORTBOARD™ 80, 2 designates properties for ROCKWOOL COMFORTBOARD™ 110

* 20 min Temperature Rise and 40 min Remain-in-place Rating

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