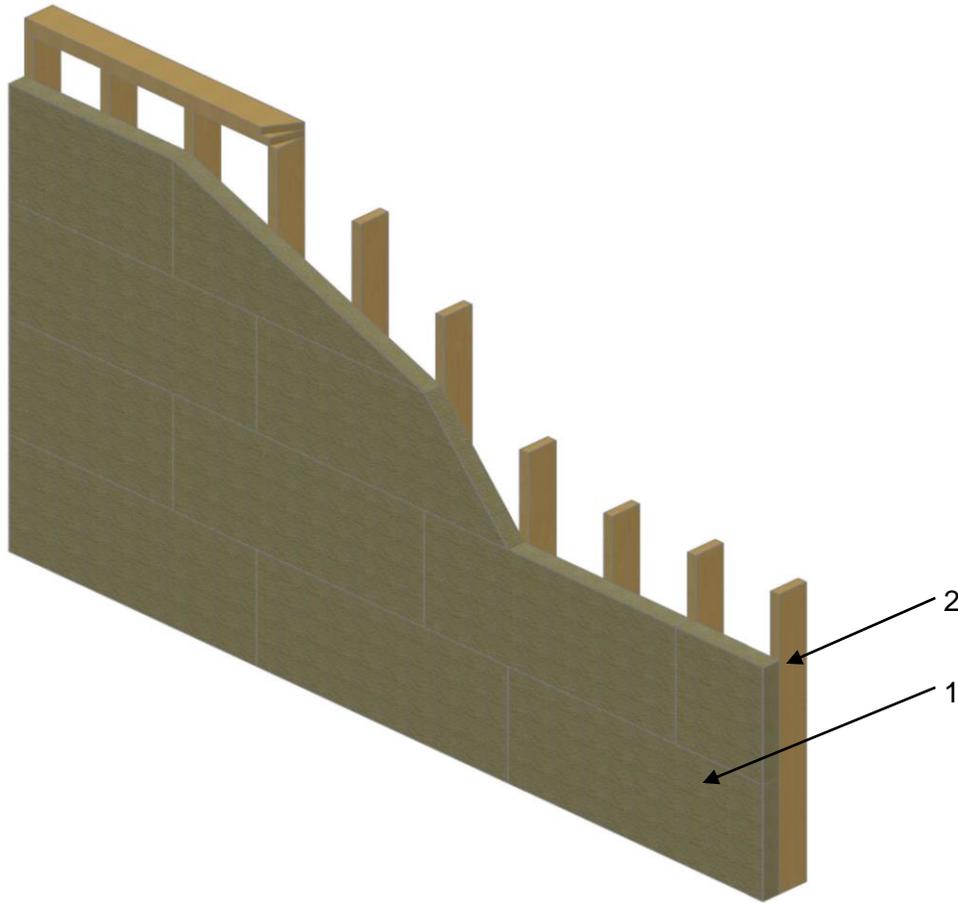




## QAI Design B1067-1c –ROCKWOOL COMFORTBOARD™ 80 / COMFORTBOARD™ 110 NBC 3.1.5.12 – 4(d) (CAN/ULC-S101) Non-Load Bearing Fire-Resistance-Rated Construction\*



No.	COMPONENT	DESCRIPTION	
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/ft <sup>3</sup> (128 kg/m <sup>3</sup> ) <sup>1</sup> / 11.0 lb/ft <sup>3</sup> (176 kg/m <sup>3</sup> ) <sup>2</sup>
		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 # 8 wood screws with ¼-inch (6 mm) x 1-1/2-inch (38 mm) diameter fender washers were used at the following locations. Each stud location one fastener is placed 4-inches (102 mm) from the bottom of the board and one fastener is placed 4-inches (102 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 complying with CSA 086 and local building code requirements.
		Minimum Size:	2-inch x 4-inch (38 mm x 76 mm).
		Spacing:	16-inches (406 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