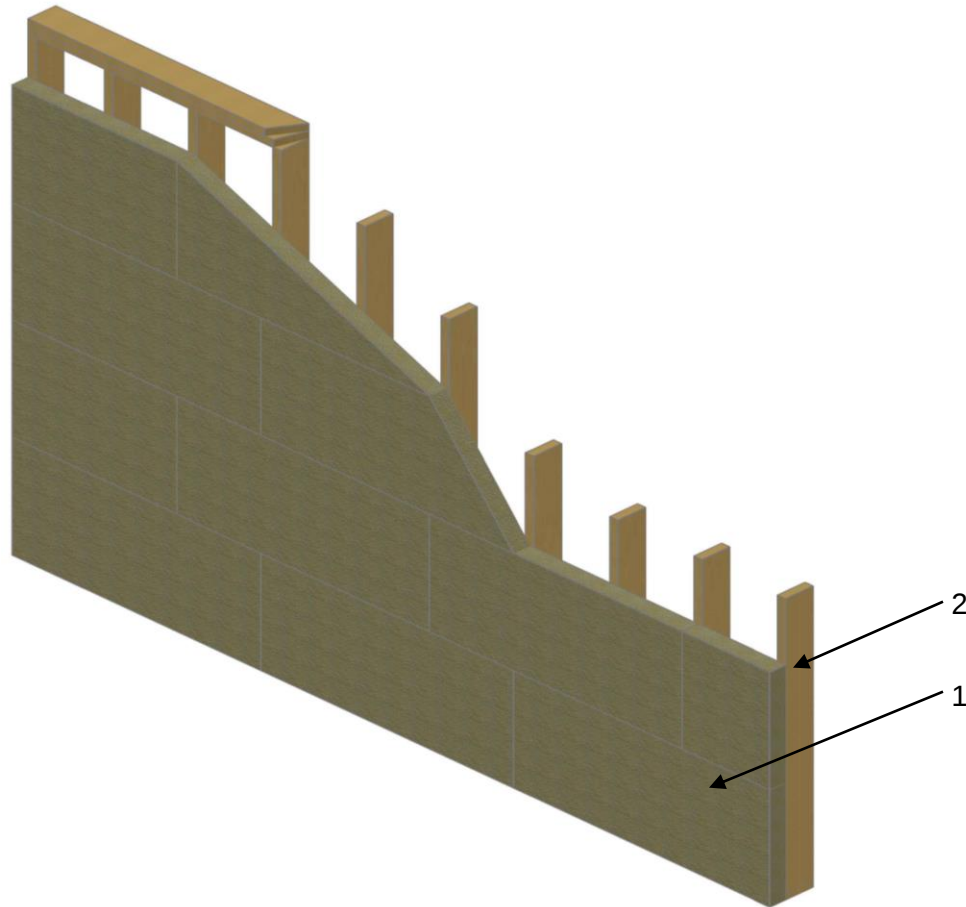




**QAI Design B1067-1c – ROXUL, Inc. - COMFORTBOARD™ 80 - NBC 3.1.5.12 – 4(d) (CAN/ULC-S101)
Non-Load Bearing Fire-Resistance-Rated Construction***



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:	ROXUL Inc.
		Certified Product Name:	COMFORTBOARD™ 80
		Nominal Density:	Minimum 8.0 lb/ft ³ (128 kg/m ³)
		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

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