

# FRAMECAD® Non Load-bearing Wall System

## FC PW7 – -/60/60 Two Way Fire Rated System

Assembly #	Frame size (")	Steel			Wall Lining	Cavity Fill	Fire Rating
		Thickness (gauge)	Coating	Grade			
FC PW7 - 60 System A or System B  Non Loadbearing	FRAMECAD® 3-1/2" min framing	20 gauge (33 mils)	G60 min. (Z180)	G350 to G550 (50 ksi to 80 ksi)	System A One layer of 5/8" Type-X Gypsum board one side and one layer of 1/2" JetBoard (Magnesium Oxide Board) (JetProducts, LLC) the other side.  System B One layer of 1/2" JetBoard (JetProducts, LLC) each side.	4" thick, min 3 pcf unfaced mineral fiber insulation	60 Minutes (-/60/60)  Test report Intertek G102083158 2015

### FRAMING

Proprietary FRAMECAD® cold formed steel wall system manufactured from minimum 3-1/2" profile and 20 gauge (33 mils) thickness, spaced at 16" centres. Wall system to be specifically designed and engineered.

### WALL LINING

#### System Option A

One layer of 1/2" JetBoard (Magnesium Oxide Board) (JetProducts, LLC) on one side and one layer of 5/8" Type-X Gypsum board on the other side. Ensure all sheet joints on one side are offset from the other side. All sheet joints must be formed over framing and linings must be hard to the floor.

Fasten JetBoard with No.8 - 1-5/8" Type S bugle head self-drilling screws spaced at 6" centres around the perimeter and 12" centres in the field of the board. Fastening placements should be 1/2" from sheet edge and 2" from sheet corners. All JetBoard joints must be touch fitted and to receive a level 2 finish with a polymer enriched thin set mortar and 2" wide fibreglass mesh tape. All fastener heads must be spotted with a polymer enriched thin set mortar.

Fasten 5/8" Type-X Gypsum board with 1-1/8" Type S bugle head drywall screws spaced at 6" centres around the perimeter and 12" centres in the field of the board. Fastening placements should be 1/2" from sheet edge and 2" from sheet corners.

All gypsum board joints must be touch fitted and to receive a level 2 finish with a plaster based joint compound and 2" wide paper joint tape. All fastener heads must be spotted with a plaster based joint compound.

#### System Option B

One layer of 1/2" JetBoard (Magnesium Oxide Board) (JetProducts, LLC) on one side and one layer of 1/2" JetBoard on the other side. Ensure all sheet joints on one side are offset from the other side. All sheet joints must be formed over framing and linings must be hard to the floor.

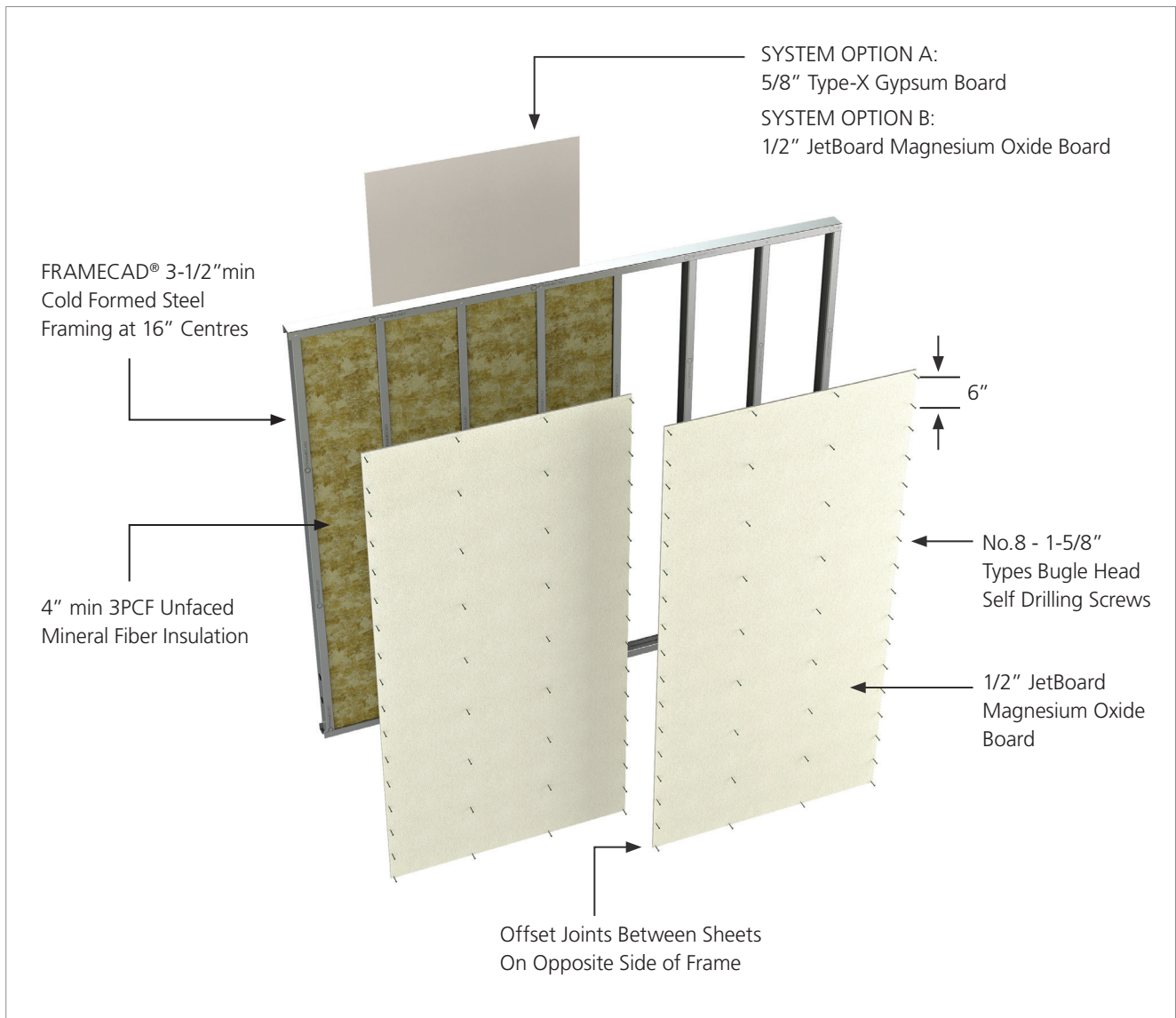
Fasten with No.8 - 1-5/8" Type S bugle head self-drilling screws spaced at 6" centres around the perimeter and 12" centres in the field of the board. Fastening placements should be 1/2" from sheet edge and 2" from sheet corners. All joints must be touch fitted and to receive a level 2 finish with a polymer enriched thin set mortar and 2" wide fibreglass mesh tape. All fastener heads must be spotted with a polymer enriched thin set mortar.

### CAVITY FILL

Friction fit minimum 4" thick, min 3 pcf unfaced mineral fiber insulation in the wall cavity ensuring no gaps are left.

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