

Technical specification : wall section - standard construction

In compliance with the Quebec Building Code



1 Roofing

- 25-year warranty asphalt shingles
- Self-adhesive membrane covering 3'-0" and synthetic paper over the remaining roof surface
- OSB 15/32" pressed wood board on roof
- Prefabricated roof truss at 24" c/c
- Ventilated attic
- R-50 cellulose fiber insulation
- 6 mil polyethylene vapor barrier
- 1" x 3" strapping at 16" c/c
- ½" gypsum panel, screwed

Insulation R-value: 54.2
thermal bridge free



2 Exterior wall

- Exterior siding
- Air barrier
- OSB 7/16" pressed wood board
- 2" x 6" Structure
- Roxul R-22 Insulation
- Insulating wool at the perimeters of doors and windows
- 2 - 2" x 10" lintel with Polystyrène insulation
- Polystyrene with 13/16" reflective air barrier
- 1" x 3" strapping at 16" c/c
- ½" gypsum panel, screwed

Insulation R-value: 30

3 Floor

- LSL or LVL engineered wood perimeter beam
- Central beam : composed of engineered wood 9 1/2" high bolted.
- Insulation : 6 7/8" Polystyrene around the perimeter
- Engineered wood 23/32" – matched, glued, and screwed
- Joists

