

Team Alberta

- **Wall strategy:**
rainscreen with furring strips
- **Durability:** Spray foam insulation with 2x4 wood studs and 1/2" plywood sheathing and 1/2" gypsum sheathing.
- **Air leakage:** Continuous insulation
- **Strategies:**
Building Paper, Air space, Spray foam insulation

- **R-value:**
Building Paper = 0.06
Gypsum wall board sheathing 1/2" = 0.45
Hardier fiber cement panel 4'x8' = 0.48
Plywood furring strips 3/8" = 0.47
Plywood sheathing 1/2" = 0.62
Spray foam insulation with 2x4 wood studs @ 16o.c. = 6.00

Total = 8.08

Team Austria

- **Wall strategy:**

rainscreen

- **Durability:** insulation with wood board sheathing: 25mm/0.98in.

- **Air leakage:**

Continuous insulation

Strategies:

Air Barrier, vapor retarder

- **R-value:**

Gypsum wall board sheathing

1/2" = 0.45

Plywood sheathing .98in = 1.20

Blown insulation cellulose with

2x4 wood studs @ 16o.c. =6.00

Wood wall covering .75in = 1.25

Total = 8.90