

PART 1 GENERAL

1.1 Related Sections

- .1 Vapour and Air Barriers Section 07 27 00

1.2 References

- .1 American Society for Testing and Materials (ASTM).
 - .1 ASTM C 665-98, Standard Specification for Mineral-Fibre Blanket Thermal Insulation for Light Frame Construction and Manufactured Housing.
 - .2 ASTM C1320-99, Standard Practice for Installation of Mineral Fibre Batt and Blanket Thermal Insulation for Light Frame Construction.
- .2 Canadian Standards Association (CSA).
 - CSA B111-1974(R1998), Wire Nails, Spikes and Staples.

PART 2 PRODUCTS

2.1 Insulation

- .1 Batt and Blanket mineral fibre: to ASTM C 665, Type 1, with minimum 40% recycled content thickness as indicated.
 - .1 Acceptable thermal material: Johns Manville or approved equal in accordance with B7.

2.2 Accessories

- .1 Insulation clips where indicated:
 - .1 Impale type, perforated 50 x 50 mm cold rolled carbon steel 0.8 mm thick, adhesive back, spindle of 2.5 mm diameter annealed steel, length to suit insulation, 25 mm diameter washers of self locking type.
- .2 Nails: Galvanized steel, length to suit insulation plus 25 mm, to CSA B111.
- .3 Staples: 12 mm minimum leg.
- .4 Tape: as recommended by manufacturer.

PART 3 EXECUTION

3.1 Insulation Installation

- .1 Install insulation to maintain continuity of thermal protection to building elements and spaces.
- .2 Fit insulation closely around electrical boxes, pipes, ducts, frames and other objects in or passing through insulation.
- .3 Do not compress insulation to fit into spaces.
- .4 Keep insulation minimum 75 mm from heat emitting devices such as recessed light fixtures, and minimum 50 mm from sidewalls of CAN/ULC-S604 Type A chimneys and CAN/CGA-B149.1 and CAN/CGA-B149.2 Type B and L vents.
- .5 Do not enclose insulation until it has been inspected and approved by Contract Administrator.