
Part 1 General**1.1 RELATED SECTIONS**

- .1 Division 01- General Requirements

1.2 REFERENCES

- .1 American Society for Testing and Materials International (ASTM)
 - .1 ASTM C553-13, Specification for Mineral Fibre Blanket Thermal Insulation for Commercial and Industrial Applications.
 - .2 ASTM C1320-10, Standard Practice for Installation of Mineral Fiber Batt and Blanket Thermal Insulation for Light Frame Construction.
 - .3 ASTM E84 (UL 723), Surface Burning Characteristics for Materials Used in Plenums.
- .2 Canadian Standards Association (CSA International) /Canadian Gas Association (CGA)
 - .1 CSA B111-1974 (R2003), Wire Nails, Spikes and Staples.
 - .2 CSA B149.1-10 (R2015), Natural Gas and Propane Installation Code.
 - .3 CSA B149.2-10 (R2015), Propane Storage and Handling Code.
- .3 Underwriters Laboratories of Canada (ULC)
 - .1 CAN/ULC-S102-10, Surface Burning Characteristics of Building Materials and Assemblies.
 - .2 CAN/ULC-S114-05, Standard Method of Test for Determination of Non-Combustibility in Building Materials.
 - .3 CAN/ULC-S604-M1991, Standard for Factory Built Type A Chimneys.
 - .4 CAN/ULC-S702-14, Standard for Thermal Insulation Mineral Fibre for Buildings.

1.3 SUBMITTALS

- .1 Product Data: Submit manufacturer's printed product literature, specifications and data sheet in accordance with Section 01 00 10 - General Instructions.
- .2 Manufacturer's Instructions: Submit manufacturer's installation instructions
- .3 Submit the following documentation to support Sustainable Considerations: Product Data. – MSDS, Spec Sheet, Product Label, post consumer and post industrial recycled content, weight, VOC compliance, Environmental Certification if available. (materials).

1.4 QUALITY ASSURANCE

- .1 Test Reports: certified test reports showing compliance with specified performance characteristics and physical properties.
- .2 Certificates: product certificates signed by manufacturer certifying materials comply with specified performance characteristics and criteria and physical requirements.

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- .3 Health and Safety Requirements: do construction occupational health and safety in accordance with Section 01 35 29.06 – Health and Safety Requirements.

1.5 WASTE MANAGEMENT AND DISPOSAL

- .1 Separate waste materials for reuse and recycling in accordance with Section 01 00 10 - General Instructions.
- .2 Remove from site and dispose of packaging materials at appropriate recycling facilities.
- .3 Collect and separate for disposal paper, plastic, polystyrene, corrugated cardboard packaging material in appropriate on-site bins for recycling in accordance with Waste Management Plan. Refer to Section 01 00 10 - General Instructions.

Part 2 Products

2.1 INSULATION

- .1 Batt and blanket mineral fibre: to CAN/ULC S702, CAN/ULC S114, CAN/ULC S102, ASTM E84 (UL 723).
 - .1 Type 1- Level of Acceptance: Roxul AFB: Steel Stud
 - .1 Non-Combustible
 - .2 Flame Spread- 0, Smoke Developed-0,
 - .3 Thickness: as indicated on the drawings.

Part 3 Execution

3.1 MANUFACTURER'S INSTRUCTIONS

- .1 Compliance: comply with manufacturer's written data, including product technical bulletins, product catalogue installation instructions, product carton installation instructions, and data sheets.

3.2 INSULATION INSTALLATION

- .1 Install insulation to maintain continuity of sound separation of 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 Use Sound Batt Insulation in walls for acoustic privacy as indicated on drawings.
- .5 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 CSA B149.1 and CSA B149.2 Type B and L vents.

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- .6 Do not enclose insulation until it has been inspected and approved by Departmental Representative.

3.3 CLEANING

- .1 Upon completion of installation, remove surplus materials, rubbish, tools and equipment barriers.

END OF SECTION