

PART 1 - GENERAL

1.1 RELATED
SECTIONS

- .1 Section - 01 35 29 - Health and Safety.
- .2 Section 01 33 00 - Submittal Procedures.
- .3 Section 01 74 21 - Construction/Demolition Waste Management and Disposal.

1.2 REFERENCES

- .1 American Society for Testing and Materials International (ASTM)
 - .1 ASTM C 553-13, Specification for Mineral Fibre Blanket Thermal Insulation for Commercial and Industrial Applications.
 - .2 ASTM C 665-12, Specification for Mineral-Fiber Blanket Thermal Insulation for Light Frame Construction and Manufactured Housing.
 - .3 ASTM C 1320-2010(R2016), Standard Practice for Installation of Mineral Fiber Batt and Blanket Thermal Insulation for Light Frame Construction.
- .2 Canadian Standards Association (CSA International)
 - .1 CSA B111-1974(R2003), Wire Nails, Spikes and Staples.

1.3 SUBMITTALS

- .1 Product Data:
 - .1 Submit manufacturer's printed product literature, specifications and data sheet in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Manufacturer's Instructions:
 - .1 Submit manufacturer's installation instructions.

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.

<u>1.4 QUALITY ASSURANCE</u> (Cont'd)	.3 Health and Safety Requirements: do construction occupational health and safety in accordance with Section 01 35 29 - Health and Safety Requirements.
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<u>1.5 WASTE MANAGEMENT AND DISPOSAL</u>	.1 Separate waste materials for reuse and recycling in accordance with Section 01 74 21 - Construction/Demolition Waste Management And Disposal.
	.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 for recycling in accordance with Waste Management Plan.

PART 2 - PRODUCTS

<u>2.1 INSULATION</u>	.1 Batt and blanket mineral fibre: to ASTM C 553 ASTM C 665 CAN/ULC S702. .1 Fibreglass batt insulation. .2 Thickness: as indicated.
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<u>2.2 ACCESSORIES</u>	.1 Vapour barrier: Shall be (6 mil) polyethylene. .2 3M shipping/packing tape 50 mm wide. .3 Sealant: acoustic sealant to CGSB 19-GP-21.
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PART 3 - EXECUTION

<u>3.1 MANUFACTURER'S INSTRUCTIONS</u>	.1 Compliance: comply with manufacturer's written data, including product technical bulletins, product catalogue installation instructions, product carton installation instructions, and data sheets.
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<u>3.2 INSULATION INSTALLATION</u>	.1 Install insulation to maintain continuity of thermal protection to building elements and spaces.
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3.2 INSULATION
INSTALLATION
(Cont'd)

- .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 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.