

Part 1 General

1.1 RELATED SECTIONS

- .1 Section 01 33 00 – Submittal Procedures
- .2 Section 01 74 19 – Construction/Demolition Waste Management and Disposal
- .3 Section 07 21 13 – Board Insulation
- .4 Section 07 21 19 – Foamed-in-Place Insulation
- .5 Division 23: Insulation for mechanical work.

1.2 REFERENCE

- .1 Underwriters Laboratories of Canada (ULC):
 - .1 CAN/ULC-S702-09 – Standard for Mineral Fibre Insulation

1.3 SUBMITTALS

- .1 Product Data:
 - .1 Submit manufacturer's printed product literature, specifications and data sheets in accordance with Section 01 33 00.
- .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.
- .3 Pre-installation Meetings: conduct pre-installation meeting to verify project requirements, manufacturer's installation instructions and manufacturer's warranty requirements.

1.5 WASTE MANAGEMENT AND DISPOSAL

- .1 Separate and recycle waste materials in accordance with Section 01 74 19.
- .2 Remove from site and dispose of packaging materials at appropriate recycling facilities.
- .3 Collect and separate for disposal paper, plastic, corrugated cardboard, and other packaging material in appropriate on-site bins for recycling in accordance with Waste Management Plan.

Part 2 Products

2.1 MATERIALS

- .1 Thermal insulation: to CAN/ULC S702; preformed mineral wool or glass fiber type; friction fit without facing; acceptable products:
 - .1 Flexibatt manufactured by Roxul Inc.
 - .2 Standard Frame manufactured by Johns Manville Canada Inc.
 - .3 Fiberglas Pink manufactured by Owens Corning Canada Inc.
- .2 Acoustic insulation: to CAN/ULC S702; preformed mineral wool or glass fiber type; friction fit without facing; acceptable products:
 - .1 Safe'n'Sound manufactured by Roxul Inc.
 - .2 Standard Frame manufactured by Johns Manville Canada Inc.
 - .3 QuiteZone manufactured by Owens Corning Canada Inc.
- .3 Insulation clips: 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; with 25 mm diameter self locking type washers.

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 thermal protection to building elements and spaces.
- .2 Retain insulation that is placed vertically in position with insulation clips installed as recommended by manufacturer.
- .3 Fit insulation closely around electrical boxes, pipes, ducts, frames and other objects in or passing through insulation.
- .4 Cut and trim insulation neatly to fit spaces. Butt insulation tightly at joints. Offset joints where possible. Use pieces of largest possible size to reduce joints.
- .5 Do not compress insulation to fit into spaces.
- .6 Do not enclose insulation until it has been reviewed and approved by Departmental Representative.

3.3 CLEANING

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

END OF SECTION