

Part 1 General

1.1 CONTRACT CONDITIONS

- .1 The General Conditions of Division 01 shall be read in conjunction with this Division, all of which shall be considered an integral part of this Contract.

1.2 WORK INCLUDED

- .1 Insulation of the following ductwork:
 - .1 (Existing) Return Air plenum;
 - .2 (New) Supply Air plenums

1.3 STANDARDS

- .1 ACNBC ("Measures for Energy Conservation in New Buildings");
- .2 NFPA 90A.

Part 2 Products

2.1 GENERAL

- .1 Fire resistance to NFPA 90A - maximum flame spread rating 25, maximum smoke developed rating 50.

2.2 ACOUSTIC LINING

- .1 Fibrous glass duct liner
- .2 13mm thick, one side coated with neoprene with flame spread rating not exceeding 25 and smoke development not exceeding 50.
- .3 Adhesives, sealers and joint tapes to meet requirements of NFPA 90A and have flame and smoke rating equal to or exceeding those of the liner.
- .4 Standard of Acceptance:
 - .1 Manson Akousti-Liner.

2.3 WELD PINS

- .1 2mm dia., length to suit with 32 x 32mm nylon retaining clips.
- .2 Standards of Acceptance:
 - .1 Duro-Dyne.

Part 3 Execution

2.4 GENERAL

- .1 Work shall be performed by qualified insulation journeymen.

2.5 APPLICATION

- .1 Apply weld pins at 200mm centres on underside of duct.
- .2 Apply adhesive to entire surface area of internal duct insulation

2.6 JACKET

- .1 Not used.

END OF SECTION