

City of New York
Department of Buildings

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use in accordance with the report of Materials and Equipment Acceptance (MEA) Division.

Patricia J. Lancaster, A.I.A., Commissioner
MEA 51-03-M

Report of Material and Equipment Acceptance Division

Manufacturer – ETS Schaefer Corporation, 8050 Highland Pointe Parkway, Macedonia Ohio 44056.

Trade Name(s) – Wrapid CMS Duct Wrap.

Product - Listed fire resistance enclosure for Grease Duct, 2-hours rated.

Pertinent Code Section(s) – RS-13-3.

Prescribed Test(s) – RS 5-2 (ASTM E119); RS 5-19 (ASTM E814); UL 1978.

Laboratories – Omega Point Laboratories; Southwest Research Institutes.

Test Report(s) - OPL #15956-107895A, #15956-107897A dated January 25, 2001. SwRI Project No. 01.06062.01.029 dated February 5, 2003 and OPL letter dated April 14, 2003.

Description – Flameshield WRAPID CMS, foil scrim faced or encapsulated blanket insulation of biosoluble fiber content, is applied over metal grease ducts, constructed of at least 16 gauge sheet steel. Omega Point Laboratories System GD 539 F accepted to Building Code to achieve a fire resistance enclosure from combustible construction with zero clearance. The material is 2 inches thick and is to be applied in one layer over the entire length of the duct assembly in achieving the required fire resistance rating. Steel hangars in accordance with code used to support the duct assembly does not need to be protected with the Flameshield WRAPID CMS material. The duct penetration through walls shall be protected at each floor level opening with the Flameshield WRAPID CMS system. (Underwriters Laboratories System C-AJ-7025) having a F and T rating equal to that of the floor or wall assembly being penetrated.

Pursuant to “Promulgation of the Rules relating to Material and Equipment Application Procedures” dated November 5, 1992, the Bureau of Fire Prevention has no objections letter dated April 24, 2003, F.P. Index No. 0304008A.

Recommendation – That the above described two hour fire rated, Flameshield WRAPID CMS duct wrap blanket insulation on grease duct be accepted subject to the following:

1. Installation, maintenance cleaning procedures and use shall comply with RS 13-3 of the Building Code and all applicable New York City Codes, Rules, Regulation and maintenance requirements.
2. Grease ducts on which the blankets are applied to shall have all joints and seams welded and shall be constructed of at least 16-gauge sheet steel with the maximum outside dimension of 24 inch wide by maximum of 24 inches high.
3. A welded connection shall be used where the duct meets the kitchen hood. No sloppy connections or holes around periphery at the intersection of hood and grease duct shall be allowed.
4. Grease duct shall be installed in an enclosed shaft where required by Building Code.
5. Omega Point Laboratories listing requirements and limitations shall be complied with.
6. Manufacturer's installation, maintenance procedures and limitations shall be complied with.

All shipments and deliveries of such equipment shall be provided with a metal tag, suitably placed, certifying that the equipment shipped or delivered is equivalent to those tested and accepted for use, as provided for in Section 27-131 of the Building Code.

Final Acceptance DEC/30/03

Examined By D. Derfuda