

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 the Material and Equipment Acceptance (MEA) Division.

Patricia J. Lancaster, F.A.I.A., Commissioner  
MEA 97-04-M

Report of Material and Equipment Acceptance Division

Manufacturer- Unifrax Corporation, 2351 Whirlpool Street, Niagara Falls New York 14305

Trade Name- Unifrax, FyreWrap

Product- Listed fire resistance enclosure for grease duct, 2 hours rated.

Pertinent Code Section(s)- RS 13-3

Prescribed Tests- RS 5-2 (ASTM E119); RS 5-19 (ASTM E814, UL 1978).

Laboratory- Omega Point Laboratories, Inc (OPL).

Test Report(s)- OPL Project No.16201-114719, 16201-1139 (86,85), 16201-11889

Description- FyreWrap EZ1.5Duct Wrap is a single-layer flexible fire barrier system incorporating insulfrax thermal insulation as its core material which is made from calcia, magnesia, silica chemistry design to enhance biosolobity, for commercial grease ducts. FyreWrap EZ1.5 Duct insulation is 1-1/2 inches thick with a density of 6 lb/ft<sup>3</sup> suitable for grease duct blanket insulation. Omega Point Laboratories system GD 561 F accepted to Building Code to achieve a 2 hours fire resistance enclosure with zero clearance to combustible construction at the overlap and 1-1/2 inch clearance to combustibles at all other locations

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 September 20, 2004, F.P. Index 0403035C.

Recommendation- That the above two hour fire rated, FyreWrap EZ1.5 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, regulations 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 maximum outside dimensions of 24 in. wide by maximum of 48 in. high.
3. The single layer 1-1/2" thick insulation shall be installed with reduced clearance to combustibles. Zero clearances to combustible construction at the overlap and 1-1/2 inch clearance to combustible at all other locations.
4. A welded connection shall be used where the duct meets the kitchen hood. No sloppy connections or holes around the periphery at the intersection of hood and grease duct shall be allowed.
5. Grease duct shall be installed in an enclosed shaft where required by Building Code.

6. Omega Point Laboratories' listing requirements and limitation shall be complied with.
7. 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 that tested and accepted for use, as provided for in Section 27-131 of the Building Code.

Final Acceptance NOV/24/2004  
Examined by S Dorkhidam