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May 10, 2012

Monty Millspaugh  
Reflectix, Incorporated  
#1 School Street, P. O. Box 108  
Markleville, IN 46056-0108

RESEARCH REPORT: RR 8099  
EFFECTIVE DATE: 05/01/12  
EXPIRATION DATE: 05/01/13  
Telephone: 800-879-3645

**GENERAL APPROVAL - Renewal** - "Reflectix" Duct Insulation, manufactured by Reflectix, Incorporated.

**DETAILS**

This product is reflective insulation. It consists of two outer layers of metalized polyester. Each layer of metalized polyester is bonded to a "bubbled" layer of polyethylene. The nominal thickness of insulation is 5/16" and weighs 1.25 oz./sq.ft. The average R-value of this product is 6.0. It is manufactured in 16", 24", and 48" widths; and 50', 125' and 250' lengths.

The approval is subject to the following conditions:

1. This product may be installed only in comfort heating and cooling air ducts and plenums.
2. Only City of Los Angeles approved duct tapes and sealants shall be used on the exterior to close the joint seams of the insulation. Mechanical fasteners shall be made of metal.
3. This insulation may be installed externally as duct wrap where the temperature does not exceed more than 250°F.
4. Each length of this insulation shall be permanently marked at intervals not exceeding more than 48" showing the name, "Reflectix", 5/16", "ASTM E-84", R-Value and FHC Rating "25-50".

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Reflectix, Inc.  
RE: Duct Insulation

**DISCUSSION:**

This insulation has composite flame spread rating of less than 25 and smoke developed rating of less than 50 when tested in accordance with ASTM E-84.

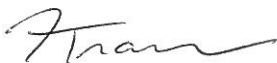
File and Report No. 3166908SAT-011 from Intertek Testing Services NA, Inc., were reviewed by the Mechanical Testing Laboratory. The materials and construction are equivalent to that prescribed by the Los Angeles Municipal Code in quality strength, effectiveness, durability and safety.

For this General Approval to be valid on any individual construction project in the City of Los Angeles, an engineer or inspector of the Department of Building and Safety must make a determination that all conditions of the General Approval required to provide equivalency have been met in the case of each construction project under consideration.

This approval is granted under Sections 95.105.0, 95.601.0, 95.602.0 and 95.605.0 of the Los Angeles Mechanical Code, 2011 Edition.

Approved by:

Concurred by:



Jason Tran, Test Engineer  
Mechanical Testing Laboratory  
Engineering Bureau



Plumbing/Mechanical Inspection Division  
Inspection Bureau