

**ICC-ES PMG Listing****PMG-1043***Effective Date: January 1, 2011**This listing is subject to re-examination in one year.*

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CSI: DIVISION: 23 00 00—HEATING, VENTILATING AND AIR-CONDITIONING (HVAC)  
Section: 23 31 00—HVAC Ducts and Casings

**Product certification system:**

The ICC-ES product certification system includes testing samples taken from the market or supplier's stock, or a combination of both, to verify compliance with applicable codes and standards. The system also involves factory inspections, and assessment and surveillance of the supplier's quality system

Product: Enviroliner™

Listee: DST™, Duct Seal Technologies, LLC  
8011 N. 154 East Ave  
Owasso, Oklahoma 74055  
[www.ductsealtechnologies.com](http://www.ductsealtechnologies.com)  
[www.rustyducts.com](http://www.rustyducts.com)

**Compliance with the following codes:**

2009 *International Residential Code*® (IRC)  
2009 *International Mechanical Code*® (IMC)  
2009 IAPMO *Uniform Mechanical Code*® (IAPMO UMC)\*

\* *Uniform Mechanical Code* is a copyrighted publication of the International Association of Plumbing and Mechanical Officials, 5001 East Philadelphia Street, Ontario, California 91761.

**Compliance with the following standards:**

ASTM E 84, Standard Test Method for Surface Burning Characteristics of Building Materials  
LC1014, PMG Listing Criteria for Underground Plastic Air Ducts

**Identification:**

The DST™ system of applying an internal coating to underground noncombustible (concrete or metal) duct systems, as described in this listing, is identified by a sticker or plate attached to the HVAC indoor unit bearing the manufacturer's name (DST™, LLC), product name (Enviroliner™) and the ICC-ES PMG listing mark. The ICC-ES PMG listing mark must be placed on the listed product's packaging or installation instructions.

**Installation:**

Installation must comply with the manufacturer's published installation instructions and the applicable codes.

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*Listings are not to be construed as representing aesthetics or any other attributes not specifically addressed, nor are they to be construed as an endorsement of the subject of the listing or a recommendation for its use. There is no warranty by ICC Evaluation Service, LLC, express or implied, as to any finding or other matter in this listing, or as to any product covered by the listing.*



The DST™ system is a proprietary coating spray-applied to the interior of sound, existing, underground noncombustible (concrete or metal) ductwork in accordance with the manufacturer's proprietary process by installers trained and certified by the manufacturer. When tested according to ASTM E 84 at a 0.025-inch thickness (0.635 mm), the material demonstrated a maximum flame spread index of 45 and a maximum smoke developed index of 35. Laboratory analysis provided indicated Enviroliner™ has the same or lower ASTM E 84 characteristics as materials allowed for underground ducts in IRC M1601.1.2 and IMC Section 603.8, and as an alternate under UMC Section 105. The existing underground ductwork must have been installed in accordance with the applicable code, and be in sound condition.

Conditions of Listing:

1. Designs using Enviroliner™ must be limited to underground air duct systems with a maximum air temperature of 150°F (66°C) at the discharge of the unit entering the duct system. Duct sizing must be in accordance with the applicable code.
2. Enviroliner™ coatings must be installed on ducts which are either underground or embedded within concrete slabs. The duct must not be used in exposed or aboveground applications.
3. The existing uncoated air duct system must have been sized and installed in accordance with the applicable code.
4. The DST™ Enviroliner™ is manufactured under a quality control program with annual surveillance inspections by ICC-ES.