



TUFFWRAP INSTALLATIONS, INC.
2080 DETWILER ROAD
HARLEYSVILLE, PA 19438
(800) 995-4556
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SMARTSEAM®

CSI Section:

09 54 00 Specialty Ceilings

1.0 SCOPE OF LISTING

1.1 Compliance with the following standards:

- ASTM E84; Test Methods for Surface Burning Characteristics of Building Materials
- UL723; Standard for Test for Surface Burning Characteristics of Building Materials
- UL723S; Fire Exposure Test for Drop-Out Ceilings Installed Beneath Automatic Sprinklers

1.2 Properties assessed:

- Surface Burning Characteristics
- Drop-out Panel Criteria for Ceiling Panels Used Beneath Sprinklers

2.0 FINDINGS

2.1 Product Information: SmartSeam® is a suspended cover product with a heat-reactive seam. The product is used in cases when a facility is undergoing a reroofing project and uses SmartSeam® as a suspended cover to capture falling dust and debris during that project. When the seam is activated by the heat of a fire, the seam releases the suspended cover which opens, permitting the sprinklers located above the cover to function uninterrupted.

SmartSeam® is produced from an extruded polypropylene/polyethylene-scrim film and is available in sheet sizes ranging from 5 feet, 6 inches to 6 feet, 8 inches wide and 8 feet to 10 feet long. The sheets are rolled and folded and packaged in lengths based on order.

2.2 Flame Spread and Smoke Developed Index: SmartSeam® when tested to both ASTM E84 and UL723 has a flame spread index of 25 or less and a smoke-developed index of 450 or less.

2.3 Drop-out Ceiling Panel Testing: SmartSeam® meets the required acceptance criteria when tested to UL723S for use beneath sprinklers.

3.0 DESIGN AND INSTALLATION

The manufacturer's published installation instructions and this listing shall be strictly adhered to. A copy of the instructions and this report shall be available at all times on the jobsite during installation. Where conflicts between this listing and the installation instructions occur, the more restrictive shall govern.

4.0 IDENTIFICATION

SmartSeam® is identified with a label located on the packaging bearing the manufacturer's name (TuffWrap Installations, Inc.), product name (SmartSeam®), address, one of the IAPMO Uniform ES Marks of Conformity and listing number (UEL-5009), and the name of the inspection agency (Quality Control Consultants). Either Mark of Conformity may be used as shown below:



or
IAPMO UES UEL-5009

Brian Gerber, P.E., S.E.
Vice President, Technical Operations
Uniform Evaluation Service

Richard Beck, PE, CBO, MCP
Vice President, Uniform Evaluation Service

GP Russ Chaney
CEO, The IAPMO Group

For additional information about this evaluation report please visit
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