

FIRE RATINGS

As a manufacturer of building products, our material must meet and exceed many industry standards. One of these standards calls for laminated metal building insulation to be tested under specified conditions to see how it reacts to an open flame. There has been some talk in the market about this test that we want to clarify.

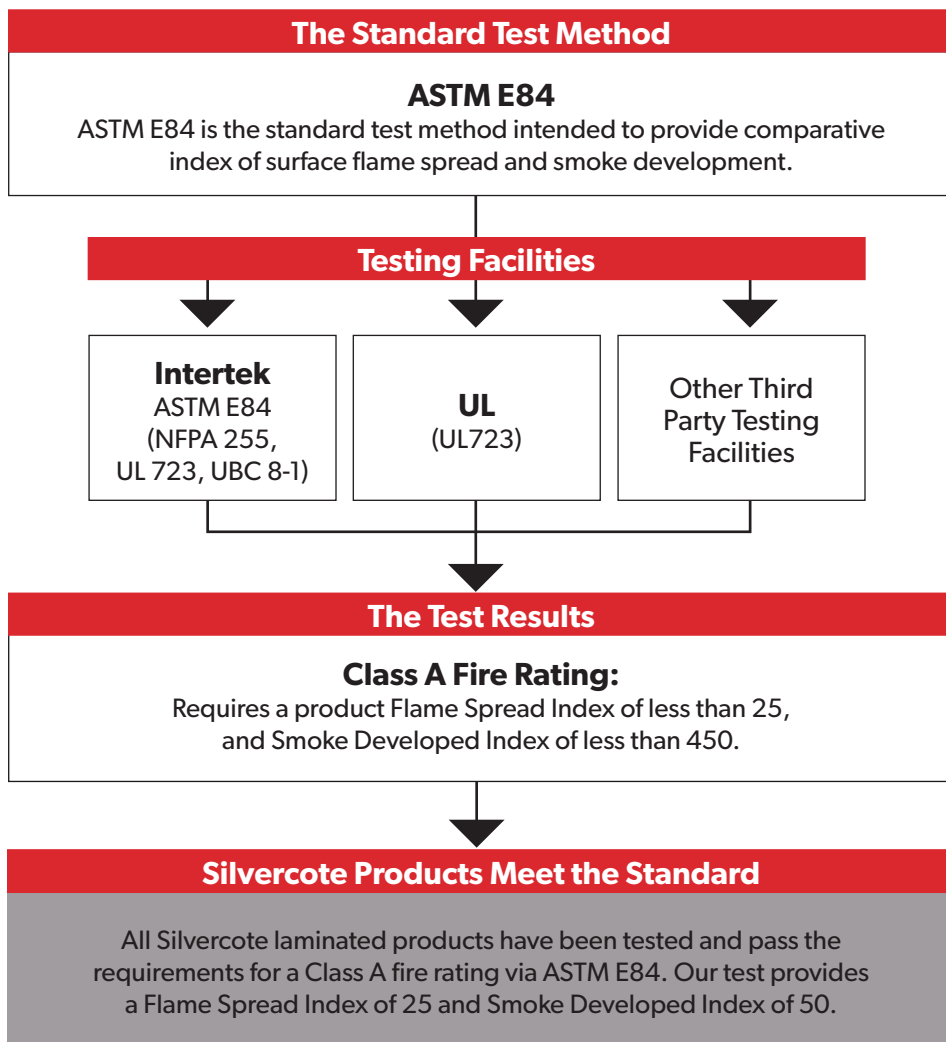
What's being said:

Silvercote doesn't meet Underwriters Laboratories (UL) 723.

The answer:

UL723 isn't a rating, it's a test method for the ASTM standard. UL is a testing facility. All Silvercote laminated products have been tested and pass the requirements for a Class A fire rating via ASTM E84. Our test provides a Flame Spread Index of 25 and Smoke Developed Index of 50.

The explanation:



More about the test

The best known test to determine the Flame Spread/Smoke Developed Index is the American Society for Testing and Materials (ASTM) Test Method E84, commonly known as the 'tunnel test'. A 25/50 index (Flame Spread/Smoke Developed) is a standard requirement in the building codes for materials to be left exposed in a plenum application. Generally speaking, most buildings are designed for materials to meet this result. You may also see mention of only the Flame Spread Index or the Fire Rating Class. In any case, to claim a material meets these requirements you must obtain third party testing from an approved testing facility.

ASTM E84 & UL 723, Is one better than the other?

No.

ASTM E84 is the standard test method intended to provide comparative index of surface flame spread and smoke development. UL 723 is Underwriters Laboratories method of test for surface burning characteristics of building materials and is their designation for ASTM E84.

Our Test Results

Silvercote has been tested in multiple iterations, up to and including ASTM E84-17. A copy of the test results for your respective jurisdictions are available upon request.