



Flame Seal Products Inc.
15200 West Drive
Houston TX USA 77025
<http://www.flameseal.com>

(713) 668-4291 Office
(713) 668-1724 Fax

A few of
our Safety
Minded
Customers:

September 11, 2012

BASF

Bayer

FLAME SEAL-TB

Biobased
Insulation

This is to Certify that Flame Seal-TB, our intumescent, fire barrier coating for Spray Applied Polyurethane Foam Insulation, with a catalog of extensive, fully audited third party laboratory tests, satisfies every aspect of the *IBC and *IRC Thermal Barrier code requirements for SPUF insulation. This has been repeatedly verified by **ICC and Warnock-Hersey witnessed and certified testing of Flame Seal-TB over many brands of Spray Foam insulation.

Boeing
Aircraft

British
Petroleum

Certainteed

In full accord with the 2012 edition of IBC, section 2603.10 (2603.9 earlier editions), Flame Seal-TB has passed the UL 1715 fire test, over multiple brands and types of foam insulation. UL1715 is Underwriters Laboratories' version of the Room Corner test called for in that code section of the IBC. (The same tests are called for in the IRC codes.)

Daimler
Chrysler

DOW

Flame Seal Products, Inc. is the only company that tests to the most difficult scenario possible, in full accord with the most stringent intent of the code language. This means NO STUDS were incorporated in any of the walls or ceilings, and the most difficult version (the UL test) of the Room Corner tests was chosen.

Disney

Hilton Hotels

Holiday Inn

Flame Seal-TB has passed every Room Corner test for Thermal Barrier Applications on Closed Cell foam, with zero failures. (We are the only company to accomplish this level of performance.) Further, these tests have passed with an average flame front advance of less than ***24", providing a large margin for error.

MGM Grande

Nailor
Industries

Premium
Spray
Products

Further, all CC Thermal Barrier tests were conducted with 25 wet mils of Flame Seal-TB to demonstrate consistent performance, thus simplifying evaluation and interpretation of the tests, as well as providing consistency for the applicator.

Six Flags

Smith
Fibercast

The above testing program for Flame Seal-TB assures that the coating qualifies for use on Thermal Barrier applications, regardless of the stud configuration or type, regardless of the wall and ceiling designs, and regardless of the brand of SPUR foam insulation used****.

(Support documentation and data available at www.flamesealtb.com or by request at mikek@flamesael.com)

Certified by:



Michael D. Kiser
President
Flame Seal Products, Inc.

*International Building Code / International Residential Code

**International Code Council

***based on maximum flame travel over non-combustible materials

****IBC code language: "Assemblies tested shall include seams, joints and other typical details used in the installation of the assembly and shall be tested in the manner intended for use."