BUILDING MATERIALS

UL's Firestopping Services for European, U.S. and British Regulations and Codes

UL can certify firestopping materials and systems to North American, European and British standards in one process saving time to market, and initial and ongoing costs

Meet your global market access testing and certification needs and save costs and time to market when conducting a combined fire resistance test with UL. Utilizing UL's new fire test facility in Rosenheim, Germany, which also includes environmental and durability test capabilities, you have the ability to combine testing and certification to UL, EN and BS standards in a single project. UL's unique ability to offer global certification solutions allows global market access for your products to become a reality.

Fire Resistance Testing by UL in Europe

UL can now conduct the fire resistance testing necessary for UL, EU and BS certification in a brand new, state-of-the-art test facility in Rosenheim, Germany. This facility includes five fire resistance furnaces, including a large wall furnace (8m wide by 5m high) and a large three-dimensional floor/wall furnace (5m by 4m by 2.5m) as well as a small-scale furnace for smaller sized systems.

For products and systems intended for international markets, the fire resistance testing can be combined in a single project that includes critical requirements of the UL, EN and BS test standards. UL's expertise in firestopping systems and materials includes recognised engineers from UL, EN and BS standards backgrounds and relevant standards writing committees. UL's experts have created a single, combined test method that caters to all needs to assess compliance with all critical requirements including:

- **North and South America, Africa, Middle East, Asia and Australia –** includes specific requirements in UL 1479, UL 2079 and ASTM E814 including, for example, the hose stream test.
- **Europe –** includes additional requirements, e.g., unexposed face thermocouple positioning and attention to furnace pressure.
- **British –** BS test method addressed via the adoption of the EN standard subject to an expert judgement prior to and after the testing.

Suitable Products

The combined fire resistance test method is suitable for firestopping systems that are intended to demonstrate compliance with one or more of the following standards:

- EN 1366-3
- EN 1366-4
- UL 1479
- UL 2079
- ASTM E814
- BS 476: Part 20 series
- ISO 10295-1
- ISO 10295-2

Value in Testing with UL

By using the combined test method with UL, you gain the benefit of performing a single test for all your fire resistance needs, allowing you to:

- **Demonstrate compliance with more global standards**
- **Save time and speed to market**

There's no need to involve multiple testing/certification bodies in project planning and surveillance visits. UL does it all.

The option to test with one organization can result in the fastest route to certification and the marketplace.

- **Increase your profitability**

Combined testing allows you to compete more economically.

To learn more, visit UL.com/FireTestingEurope or contact +49 69 489810 213, EU.BuildingLifeSafety@ul.com

The UL Mark

The UL Mark is the most widely recognized and accepted evidence of a product's compliance with U.S. and Canadian safety requirements. To consumers, installers, code and regulatory authorities, the UL Mark is North and South America's, Asia's and Australia's most valued product safety symbol. This also applies to the UAE and many Middle East countries. Firestopping systems and components carrying the UL Mark reflect compliance to relevant UL safety requirements and show compliance with North American based building codes.

CE Marking

As a Notified Body to the Construction Products Regulation (EU) No 305/2011 and as an EOTA Technical Assessment Body (TAB) UL UK can evaluate firestopping systems to applicable EN standards and issue the European Assessment Document (ETA) and Certificate of Constancy of Performance necessary for CE marking of the system.

A combined UL and EN test can be used as the 'type test' necessary for an ETA and CE marking. In addition, product manufacturers must use a Notified Body that should be involved in product testing and on-going inspection of the manufacturer's Factory Production Control systems.

UL can cater to all of these needs whilst at the same time addressing the requirements for the UL Mark.

British Standards

Despite the increasing adoption of European Standards, some countries and bodies still require 'approval' based upon British Standards (BS). These countries include the UK as well as countries within the British Commonwealth. For this reason, UL can include the requirements of the BS standard within the combined fire resistance test, as needed.

UL Can Test to UL, EN and BS standards in One Test, Contributing to Faster Certification and More Efficient Global Market Access.

To learn more, visit UL.com/FireTestingEurope or contact +49 69 489810 213, EU.BuildingLifeSafety@ul.com