

APPROVALS FOR BIO FIRESHIELD™ PRODUCTS

Below is a list of Model Building Codes requiring the use of firestop products in various types of constructions and occupancies. Most local codes are derived from one or more of these model codes. Bio FireShield™ products and systems meet the through-penetration firestopping requirements of all of these codes.

ICBO	International Council of Building Officials; Uniform Building Code: Chapters 17, 42 and 43
SBCCI	Southern Building Code Congress International; Standard building Code: Chapters 7, 10 and 11
BOCA	Building Official and Code Administrators International; National building Code: Article 9
CABO	Council of American Building Officials (coordinating agency between ICBO, SBCCI and BOCA)
NBCC	National Building Code of Canada
NFPA 101	National Fire Protection Association Life Safety Code: Chapter 6
ICC	International Code Council
IBC	International Building Code
IRC	International Residential Code
NFPA 5000	NFPA Building Code
NFPA 70	National Electrical Code

Bio FireShield™ has also been approved in various cities, counties and states that have written their own code requirements which may supersede or supplement model building codes.

City Approvals

Phoenix, Arizona
Tucson, Arizona
Los Angeles, California
San Francisco, California
Minneapolis, Minnesota
New York, New York
Milwaukee, Wisconsin

County Approvals

Collier, Florida
Dade, Florida
Palm Beach, Florida

State Approvals

New York
North Carolina
Wisconsin

Miscellaneous Approvals

Corp of Engineers
California State Fire Marshal
General Services Administration
Industrial Risk Insurers

Bio FireShield™ Products are UL Classified and conform to the codes and test requirements shown below.

ASTM E 814/ UL 1479	Fire Tests of Through-Penetration Firestops
UL 1479	Fire Tests of Through-Penetration Firestops
NFPA 70	National Fire Protection Association National Electrical Code: Chapters 3, 7 and 8
NFPA 255	Method of Testing of Surface Burning Characteristics of Building Materials
ASTM E 119/ UL 263	Fire Tests of Building Construction and Materials
ASTM E 84 / UL 723	Surface Burning Characteristics of Building Materials
ASTM E 1966 / UL 2079	Tests for Fire Resistance of Building Joints Systems
ASTM E 1399	Cyclic Movement and Measuring the Minimum and Maximum Joint Widths of Architectural Joint Systems (Incorporated into ASTM E 1966)
ULC CAN4-S115M	Standard Method of Fire Tests of Firestop Systems
ULC CAN/ULC-S101M	Standard Methods of Fire Endurance Tests
B.S. 476 / pr EN 1366.3	European / British Standards
AS 1530.4	Methods for fire tests on building materials, components and structures Part 4: Fire resistance tests of elements of building construction
AS 4072.1	Components for the protection of openings in fire-resistant separating elements Part 1: Service penetrations and control joints

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