

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 firestop-ping requirements of all of these codes.

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| ICC | International Code Council; International Building Code |
| ICBO | International Code of Building Officials; Uniform Building Code |
| SBCCI | Southern Building Code Congress International; Standard Building Code |
| BOCA | Building Official and Code Administrators International; National Building Code |
| 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 |
| IRC | International Residence Code |

Certain cities, counties and states have written their own code requirements which may supersede or supplement model building codes, check with these authorities for approvals.

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

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| UL 1479 | Fire Tests of Through-Penetration Firestops |
| UL 2079 | Tests for Fire Resistance of Building Joint Systems |
| ASTM E 1966 | Standard Test Method for Fire Resistive Joint Systems |
| ASTM E 814 | Methods for Fire Tests of Through-Penetration Fire Stops |
| NFPA 101 | National Fire Protection Association Life Safety Code |
| ASTM E 84 (UL 723) | Test Method for Surface Burning Characteristics of Building Materials |
| ASTM E 119 (UL 263) | Method for Fire Tests of Building Construction and Materials |
| 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 | Part 4: Fire Resistance Tests of Elements of Building Construction |
| AS 4072.1 | Part 1: Service Penetration and Control Joint |

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