

INDUSTRY UPDATE

Code Approvals/Evaluation Reports

Isolatek International has been conscientious in keeping our building code evaluation reports up to date. These reports include IBC/ICC (International Code Council) and ICBO/UBC (Uniform Building Code). The IBC/ICC is adopting the other code bodies' evaluation reports to combine them into one report, which will be known as an ICC-ES (Evaluation Services) Report. The other code bodies are currently regarded as legacy codes.

Maintaining these reports is important, they identify whether a product complies with code requirements. ICC-ES uses the code as a base for product approvals. The ICC-ES staff is composed of licensed architects, professional engineers and evaluation specialists. ICC-ES examines code requirements, test reports, calculations and the manufacturers quality control system to analyze a products' compliance. In addition to the evaluations, ICC-ES requires product testing to be done at an IAS (International Accreditation Service) testing laboratory or an IAS recognized partner. ICC-ES inspects the manufacturing facility of every new applicant before issuing an evaluation report.

Although, a testing laboratory such as UL, ULC or Warnock Hersey may list products, this does not mean that those products are code compliant. An approved testing laboratory is only one part of the approval process. Quality control, facility inspections and independent testing approvals are all requirements. Independent tests include ASTM physical performance standards that are not necessarily required by UL or ULC. ICC however, reviews ASTM reports and scrutinizes them and will require minimum standards for certain applications. An example would be air plenums, ventilation shafts and elevator shafts; these areas require a product that passes a high-speed air erosion test (ASTM E 859 - high speed) as well as a product that passes ASTM G 21 (fungal resistance) see attached *Acceptance Criteria AC 23*. A testing facility such as UL does not list these requirements. Reasons such as these are why an ICC-ES report is important.

Isolatek International realizes the importance of such a stringent evaluation service, which is why we have our products listed with the ICC-ES. Only Isolatek International and W.R. Grace have successfully had their Spray Applied Fire Resistive Materials evaluated and have ICC-ES reports issued. Additionally, Isolatek International is the only manufacturer of intumescent Fire Resistive Coatings to have an approval/evaluation report. Please note the following:

Company Name:	Products:	Code Body:	Evaluation Report:
Isolatek International	SprayFilm WB 2, WB 3	IBC/ICC	ESR-1092
Isolatek International	BLAZE-SHIELD II, HP, DC/F, CAFCO 300,ES, SB, 400, M-II, TG, BOND-SEAL, FIBER-PATCH, PRE-COTE, QWIK-SET	IBC/ICC	ESR-1649
Isolatek International	BLAZE-SHIELD II, HP Fiber-Patch, Bond-Seal, Type X, D/CF	UBC/ICBO – Legacy Code	ER-1244
Isolatek International	CAFCO 300, 300ES, 300SB, 400, 800 Pre-Coat, Qwik-Set	UBC/ICBO – Legacy Code	ER-4818
Isolatek International	FENDOLITE M-II	UBC/ICBO – Legacy Code	ER-5018

**See the ICC/IBC Evaluation Systems website at <http://www.icc-es.org>.

Always include in your specifications “*The material shall have been evaluated and reported by International Code Council Evaluation Services (ICC-ES). A valid Evaluation Services Report Number shall be provided ensuring code compliance*”.

This information should be utilized when specifying building products. Specifying a building product that is not code compliant can be costly, time consuming and carry potential liability to the design professional. If there are any questions on the above information please do not hesitate to contact the Technical Department at (973) 347-1200 ext. 269.

