RESIDENTIAL INFORMATION BULLETIN

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IKO ASPHALT SHINGLES AND ULC S107 COMPLIANCE

IKO's asphalt roofing shingles are produced to current industry standards, including requirements for fire resistance. In North America, there are two tests that assess asphalt roofing systems for their resistance to exterior fire hazards; they are ASTM E108, and ULC S107. These test methods are essentially identical – they each classify roofing materials as Class A, B, or C, and each method involves testing to a similar set of fire hazard criteria, including burning brands, intermittent flame, and spread of flame across the roof surface.

IKO arranges for independent sampling and testing of representative roofing shingles through their third party test and evaluation agency, FM Global (Factory Mutual). This laboratory uses the ASTM E108 methodology, which satisfies most major North American Code conformance requirements. However, some Code authorities, particularly in Canada, wish for specific compliance to ULC S107. To satisfy these requests, a secondary independent fire engineering laboratory (ITS) has reviewed all the fire test data on our products and has attested that IKO's asphalt shingles in fact comply with ULC S107.

This step particularly shows compliance with the Ontario Building Code's allowances in part 2.6.4.1 (1), which permits alternate test methods that yield comparable results. IKO has proven that the E108 data is comparable to the ULC S107 requirements. Copies of these reports are available from IKO if required. Thus, our shingles achieve a Class "A" fire resistance rating when installed in conjunction with a felt underlayment (or suitable equivalent).

We hope this has helped clarify IKO's asphalt shingle fire resistance requirements.

For additional information on any of IKO's products or application requirements, visit us on the web at www.iko.com, or contact us in Canada at 1-888-766-2468, or the United States at 1-888-456-7663.