

*Flame propagation – Product compliance and capability utilizing alternate test method for plain or unfaced aircraft insulation*

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Since the issuance of the FAA ruling updating flame propagation requirements for insulation blankets the industry has been testing insulation packages to demonstrate compliance to this standard. As part of the normal manufacturing operation of aircraft insulation this method may not lend itself to typical quality assurance protocol.

Therefore an alternate test was developed to allow for continual testing during production. Semi-annual comparative tests, performed over the past two years, evaluating the FAA method to this alternate have shown an excellent correlation with a less than one chance in a million for product failure.